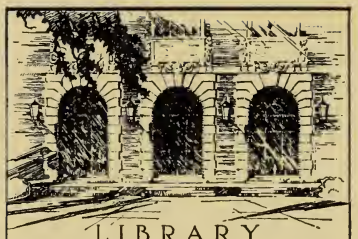

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Bulletin
of
Bates College

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UNIVERSITY OF ILLINOIS

Bates College

1903-1904

Lewiston, Maine, December 1, 1903

CATALOGUE

OF

BATES COLLEGE

LEWISTON, MAINE.

1903-1904.

LEWISTON, ME.:
PRINTED AT THE JOURNAL OFFICE.
1903.

CALENDAR-1904

JANUARY.

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CALENDAR.

1903.

Sept. 8—Fall Term begins, ... Tuesday.
Oct. 15—Tuition due.
Nov. 26—Thanksgiving Day, Holiday, . . . Thursday.
Dec. 1—Examinations begin, ... Tuesday.
Dec. 4—Fall Term closes, ... Friday.

1904.

Jan. 12—Spring Term begins, ... Tuesday.
Jan. 28—Day of Prayer for Colleges, . . . Thursday.
Feb. 22—Holiday, ... Monday.
March 1—Tuition due.
March 1–March 14—Freshman Preliminary Declamations, 2 P.M.
Prize Division, ... 2 P.M.
March 15–25—Sophomore Debates, ... 2 P.M.
March 29—Examinations begin, ... Tuesday.
April 1—Spring Term closes, ... Friday.
April 1—Senior Exhibition, ... Friday, 7.45 P.M.
April 12—Summer Term begins, ... Tuesday.
May 2—Tuition due.
May 30—Memorial Day, Holiday, ... Monday.
June 22–25—Examination of the College Classes,
Wednesday–Saturday.
June 26—Baccalaureate Exercises, . . Sunday, 10.30 A.M.
June 26—Sermon before the College Christian Associations,
Sunday, 7.45 P.M.
June 27—Sophomore Prize Debate, . . Monday, 2.30 P.M.
June 27—Junior Exhibition, . . . Monday, 7.45 P.M.
June 28—Annual Meeting of the Alumni, . Tuesday, P.M.
June 28—Class Day Exercises, . . Tuesday, 2.30 P.M.
June 28—Concert, ... Tuesday, 7.45 P.M.
June 29—Examination for Admission to College, Wednesday, 9 A.M.
June 29—Annual Meeting of the Corporation, Wednesday, 9 A.M.
June 29—Reception to Graduates by Members of the Faculty,
Wednesday, 2 to 5 P.M.
June 29—Literary Exercises of the Alumni, Wednesday, 7.45 P.M.
June 30—Commencement, ... Thursday, 10 A.M.
June 30—Band Concert and Illumination of Campus,
Thursday, 8 to 10 P.M.
July 1—President's Reception to the Graduating Class,
Friday, 8 P.M.
Sept. 12—Examination for Admission to College, Monday, 2 P.M.
Sept. 13—Fall Term begins, ... Tuesday.
Oct. 15—Tuition due.
Oct. 24—Sophomore Preliminary Declamations, . . 2 P.M.
Nov. 1—Prize Division, ... 2 P.M.
Dec. 9—Fall Term closes, ... Friday.

General Information.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining states, parents eager to secure a good education for their children. The Lewiston High School, and the Edward Little High School of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours

distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site of an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The College is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the College without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the College to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. Planted in a thrifty and frugal community, Bates is for a wide area the natural college home for students of limited means. The community, with its numerous industries, offers unusual opportunities for work; and college spirit and tradition make labor honorable. The Faculty of Bates find one of their highest pleasures in helping young men and young women to solve the problem of ways and means. Alone of New England colleges, Bates still encourages needy students to teach during a part of each year; and she does not find such teaching, under proper restrictions, harmful either to scholarship or character. During the last year Bates students have been engaged in nearly sixty different kinds of employment. Seventy-one permanent scholarships of $1,000 each pay the annual tuition of as many deserving young men and young women. Students of ample, of moderate, and of limited means live and work together in absolute social equality. From its organization in 1863, the College has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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22 Wakefield Street.

*Endowed by Mrs. Sarah S. Belcher.
†Endowed in memory of the late Professor Richard C. Stanley.

ARTHUR N. LEONARD, A.M., PH.D.,
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87 Wood Street.

ARTHUR L. CLARK, A.M.,
Professor of Physics.—Absent for current year.

KARL SCHMIDT, PH.D.,
Instructor in Physics.
173 Wood Street.

C. WILLIAM A. VEDITZ, LL.B., PH.D.,
*Knowlton Professor of History and Economics.
142 Wood Street.

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Riverside Street.

CAROLINE E. LIBBY, A.M.,
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Milliken House.

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190 College Street.

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18 Frye Street.

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Assistant in Chemical Laboratory.
31 Science Hall.

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31 Science Hall.

*Endowed in memory of the late Rev. Ebenezer Knowlton.

CARROLL L. McKUSICK,
Assistant in Greek.
11 Mountain Avenue.

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410 Main Street.

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Assistant Librarian.
250 College Street.

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Instructor in Physiology and Hygiene.
3 P. H.

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AURELIA SPRINGER, M.D.,
W. E. WEBBER, M.D.,
ALICE WELD TALLANT, M.D.,
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Oculists.
ANSON A. COBB, M.D.,
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W. J. PENNELL, A.M., M.D.,
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BESSIE D. CHASE, A.B., *Registrar.*
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SOPHOMORES—J. H. RAND.
FRESHMEN—F. A. KNAPP.

HEAD JANITOR.

FRED H. MERRILL,
151 Wood Street.

Terms of Admission.

The requirements for admission to the Freshman Class are as follows:

LATIN.

Six Books of Virgil's Æneid;
Four Books of Cæsar's Gallic War;
Six Orations of Cicero.

(Work in Ovid will be accepted instead of parts of the above.)

Thirty Exercises in Jones' Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight;
History and Geography.

GREEK.

Four Books of Xenophon's Anabasis;
Three Books of Homer's Iliad;
Twenty Exercises in Jones' Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
History and Geography.

Instead of the Greek, candidates may present the following work as conducted in the best preparatory schools, on the basis of five hours a week in each subject:

1. Three years of French.
2. Three years of German.
3. Two years of French and one year of German.
4. Two years of French and one year in any one of the following subjects: Physics, Chemistry, Biology, Advanced

Mathematics; or the additional year may be made up from any two of the following subjects: English History, American History and Civil Government, Solid Geometry, Physiology.

MATHEMATICS.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.

2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH.

I. The writing of an essay upon some subject taken from one of the books named in II.

II. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject-matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1904.—Shakespeare's Merchant of Venice and Julius Cæsar; The Sir Roger de Coverley Papers in The Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

1905, 1906, 1907.—Same as 1904.

III. *Study and Practice.*—This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1904.—Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

1905, 1906, 1907.—Same as 1904.

Students admitted without Greek may begin the study of Greek in the Freshman year and go on to the regular courses in that language.

According to the "point" system the above requirements may be summarized as follows:

For admission to the Freshman Class, 26 points must be offered by the student: of these, required subjects count 19 points, and the remaining 7 may be selected from the optional subjects.

To count 2 points, a subject must be pursued for one school year, with five recitation periods a week.

THE A.B. COURSE.

REQUIRED SUBJECTS.

College Entrance English	Counts 4 points.
Latin	" 8 "
Algebra	" 4 "
Plane Geometry	" 2 "
Roman History	" 1 "

OPTIONAL SUBJECTS (7 POINTS).

(If Greek is not taken, French or German must be; and if Greek is chosen, Greek History must be taken also.)

(If Modern Languages are chosen, not less than 4 points will be accepted.)

Greek	Counts 6 points.
Each year of French	" 2 "
Each year of German	" 2 "
*Chemistry	" 2 "
*Physics	" 2 "
Biology	" 2 "
Advanced Mathematics	" 2 "
Solid Geometry	" 1 "

*The work in the sciences must include certified note-books exhibiting the results of experimental work performed by the student.

Greek History	Counts	½ points.
English History	"	1 "
American History and Civil Government	"	1 "
Physiology	"	1 "

This outline is substantially as recommended by the Maine Association of Colleges and Preparatory Schools.

*Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the College. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

The regular examinations for admission to College take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

No special students are admitted to any of the College classes.

*As soon as the New England Association of Colleges and Preparatory Schools has issued its list of approved schools, the list will be adopted by Bates. The qualifications of applicants from other schools will be determined by examinations.

Courses of Instruction.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY.

The courses in this department are as follows:

I. Christian Ethics. The aim of this course is to derive from the life and teachings of Christ the ideals and principles that are permanently applicable to human conduct, and to show their relation to the problems of individual character and of social progress presented in the life of to-day. The Bible and Stalker's "Life of Christ" are used as text-books. There is a constant endeavor to make the work practical. To this end, topics requiring special reading are assigned, essays and discussions are prescribed, and occasional talks and lectures are given. Freshman Year, first term; one hour a week.

II. Psychology. James's "Briefer Course" as far as Chapter XI. An attempt is made to combine the methods of

the "New Psychology" with those of the "Old." Mental life is studied so far as possible in its relation to neural conditions. The nature and processes of the various orders of sensation are exemplified from every-day experiences. It is the constant aim to translate principles into facts; to explain abstractions by particular instances. Simple experiments for determining reaction time for the different senses are introduced. Each student selects from a prescribed list certain habits to form and carefully notes and records the results. The tests and examinations are given for the purpose of determining how far the knowledge gained can be applied. Junior year, third term; two hours a week.

III. Psychology. James's "Briefer Course" from Chapter XI. The text-book is supplemented by talks, informal lectures, and required reading. The student is encouraged to compare the authorities consulted with the conclusions that he derives from introspection; and an attempt is made, especially in the study of Attention, Association, Imagination, and Memory to discuss and compare differences in mental individuality. So far as practicable, Psychology is made to shed light on the problems of Education and to yield practical suggestions to teachers. In the consideration of the Instincts, the Emotions, and the Will, the work is conducted largely from the ethical as well as the pedagogical point of view. Senior year, first term; three hours per week.

IV. Logic. Special effort is made to elucidate the mental processes involved in the formation of Concepts, in Deductive Logic, and particularly in Induction and the Scientific Method. Attention is directed to the grounds of induction and the validity of knowledge and, as much as the time allows, to historic inquiry into the rise and relationship of the various schools of philosophic thought. Senior year, second term; five hours a week. Elective.

V. Ethics. The text-book is supplemented by lectures, discussions, and special reading. Ethics and Evolution are discussed in their relation to each other and are shown to be in harmony. The various Theories of Morals are reviewed, and Perfection, or the Good, is shown to be the true ideal. The Good and the Right are found to be only different aspects of the same principle; and both Self-Love and Altruism are shown to be as essential in Morality as in Evolution. The continuous purpose disclosed by Evolution necessitates belief in God and shows the dependence of Morality upon Religion. The Moral Ideal proves to be the Christian Ideal, and the Kingdom of God the Kingdom of the Good and Right. Christianity is found to be the final outcome of Evolution in Religion. Senior year, third term; five hours a week. Elective.

GREEK.

1. Lysias. In connection with the orations of Lysias we study the methods of administration of justice at Athens in the time of Lysias; the events which led to the establishment in power of the Thirty Tyrants and to their overthrow; and the topography of Athens and the Peiræus.

Some time is spent in sight translation of Greek into English. Four hours; first term.

2. Herodotus and Thucydides. In connection with the study of Extracts from the Histories of these authors we become somewhat familiar with the history of the Persian Wars; with the history of the founding of the Athenian Empire; with the causes, the history and the results of the Peloponnesian War.

Some time is spent in translation at sight. Four hours; second term.

3. Demosthenes, Philippics or Olynthiacs. With the study of these orations we give attention to the life and times of

Demosthenes; to his career as an orator; and incidentally we compare his oratory with that of Cicero and modern orators. Three hours; third term.

Courses 1, 2, and 3 are required of all Freshmen who offer Greek for entrance.

5. Drama. In connection with the study of one of the Dramas of Æschylus or Sophocles we give much attention to the history of the Greek Drama; to the construction of the Greek Theatre; and to the teachings of the Greek Chorus. Four hours; second term. Elective for Sophomores.

5. Plato. The Apology of Socrates and portions of the Phædo or the Apology and Crito. In connection with the study of the Greek we give much attention to the life and times of Socrates; to the character of his teachings and to the genius of Plato; and incidentally we become acquainted with the other prominent disciples of Socrates. Four hours; third term. Elective for Sophomores.

The following courses in Greek are for those members of the Freshman Class who enter college with a preparation in French and German instead of Greek, and who wish to study Greek in the Freshman year preparatory to the study of the Greek of the regular course in their Sophomore and Junior years instead of in their Freshman and Sophomore years. Such students take Courses 1, 2, and 3 during Sophomore year instead of French or German.

1, *a*. Greek Grammar and the Anabasis. Four hours; first term.

2, *a*. The Anabasis and exercises in writing Greek. Four hours; second term.

3, *a*. Homer and scansion of Greek Hexameter.

Three hours; third term.

LATIN.

Latin is offered throughout the four years, three hours a week, and is required of all Freshmen. The courses for Juniors and Seniors are given in alternate years and are open to both classes.

I. Livy: Selections from Books XXI and XXII. Review of the syntax of the Latin verb. First term.

2. Selections from Latin Poets. Ennius, Tibullus, Ovid, Phædrus, Seneca, Martial. Lectures on the history of Latin literature. Second term.

3. Horace: Odes and Epodes. Study of Horatian meters. Third term.

4. Cicero: *De Senectute* and *De Amicitia*, with special attention to style. Elective for Sophomores. First term.

5. Latin composition. Translation into Latin of passages based on the *De Senectute* and the *De Amicitia*. Elective for Sophomores who have completed Course 4. Second term.

6. Latin Comedy: *Menœchmi* of Plautus and *Phormio* of Terence. Lectures on the relation of the Latin to the Greek comedy. Elective for Sophomores. Third term.

7. Juvenal: Selected Satires. Martial: Selected Epigrams. Roman private antiquities. Elective for Juniors and Seniors who have completed at least one elective course. First term.

8. Tacitus: Annals, Books I–IV. Life of Tiberius. Elective for Juniors and Seniors who have completed at least two elective courses. Second term.

9. Pliny the Younger: Selected Letters. Lectures on Roman provincial administration. Elective for Juniors and Seniors who have completed at least two elective courses. Third term.

10. Catullus: Selected Poems. History of Pre-Augustan Latin poetry. Elective for Juniors and Seniors who have completed at least one elective course. First term.

11. Lucretius: *De Rerum Natura*. Brief outline of ancient philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Second term.

12. Cicero: Tusculan Disputations. Cicero as a student of philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Third term.

(Courses 10, 11, and 12 will not be given in 1903–1904.)

ROMANCE LANGUAGES.

FRENCH.

The aim of the required courses in French is to give the student a thorough drill in grammar and pronunciation, facility in translation of easy prose, some knowledge of composition, and the power to express himself intelligibly on familiar subjects in the spoken French language. The texts for reading have been selected from the works of the best modern writers. Freshmen entering with one or more years of French will be required to do suitable advanced work instead of Courses 1, 2, and 3.

The elective work has been arranged with a view to meeting the requirements of students who desire a literary as well as a linguistic knowledge of French. The growth and development of French literature through the seventeenth, eighteenth, and nineteenth centuries will be shown from the works read and criticized, and from the discussion of special topics introduced at suitable points; while linguistic studies will be continued throughout the elective courses by means of progressive exercises in composition including letter-writing, conversation, dictation, memorizing of fables, anecdotes and

poems, study of idioms and special grammatical subjects. Careful attention will be given to the study of the life and times of the authors read, as well as to the rise and growth of various literary and political institutions of France. At least one hundred fifty pages from French texts, as home reading, will be required with each elective course, and not less than two tests will be given on such texts, each term. These courses are sequential; and while they may be dropped at any point, they may not be resumed when once abandoned, since each course involves a knowledge of those preceding. In the Senior year a prize of ten dollars is offered for the greatest number of pages, from selected French texts, read at home and properly reported upon.

The course in history of French literature includes a historical study of the language, showing the relations of classical and popular Latin to modern French; a careful survey of the first and second Romantic periods; a brief review of early humanism; investigation of the origin of the Renaissance; discussion of the French Revolution with reference to literature, and many other special topics of like importance.

1. Fraser and Squair's grammar, with exercises in dictation, conversation and composition. Required of all Freshmen having no knowledge of French. Two hours; first term.

2. Continuation of Course 1, with reading in class of *Le Conscrit de 1813*. Required of all Freshmen who have completed Course 1. Three hours; second term.

3. Continuation of Course 2, with reading in class of *Madame Thérèse* or *Waterloo*, *Tartarin de Tarascon*, and at home of one hundred pages to be assigned from Sand or Maupassant. Required of all Freshmen who have completed Course 2. Three hours; third term.

4. Reading and criticism of seventeenth century writers: Corneille, *Le Cid*, *Cinna*, *Polyeucte*. Study of the life of

Corneille and his relation to the Spanish drama. Elective for Sophomores who began French after entering college, and required of all Freshmen who had studied French before entering. Three hours; second term.

5. Continuation of study of seventeenth century writers: Racine, *Esther*, *Athalie*, *Iphigénie*, *Les Plaideurs;* Madame Sévigné, selected letters. Study of Boileau and the salons. Elective for Sophomores who have completed Course 4. Three hours; third term.

6. Reading in class-room of Molière's *L'Avare*, *Les Précieuses Ridicules*, *Les Femmes Savantes*, *Le Bourgeois Gentilhomme*. Special study of the Age of Louis XIV. Weekly reports on collateral reading from French texts. Elective for Juniors who have completed Course 5. Three hours; first term.

7. Reading in class-room of selected works of Voltaire, Marivaux, Beaumarchais, and Bernardin de St. Pierre. Special study of the social and religious conditions in France during the eighteenth century. Weekly reports on collateral reading assigned from Rousseau's *Emile*. Elective for Juniors who have completed Course 6. Three hours; second term.

8. Study of nineteenth century authors: Chateaubriand, *Atala*, *René;* Lamartine, selections from the *Méditations*, *Graziella;* De Musset, selected lyrics and dramas. Reading of Carlyle's *French Revolution*. Reports on collateral reading from French texts. Elective for Juniors who have completed Course 7. Three hours; third term.

9. Study of Hugo: *Hernani*, *Ruy Blas*, selections from the novels and lyrics. Reading of Pellissier's *Literary Movement in France during the Nineteenth Century*, and Hugo's life. Home reading from Balzac's *Comédie Humaine*. Elective for Seniors who have completed Course 8. Three hours; first term.

10. Reading in class-room of selections from Sainte-Beuve's *Causeries de Lundi* and from Madame de Staël and George Sand. Study of the history of the French Academy and of La Comédie Française. Reports on collateral reading. Review of the grammar with reference to teaching. Elective for Seniors who have completed Course 9. Three hours; second term.

11. Selected dramas of Coppée, Sardou, Rostand. Selections from Pierre Loti, Daudet, for sight reading. Review of grammar continued. Elective for Seniors who have completed Course 9. Three hours: third term.

12. History of French literature, with readings from best writers and lectures on special topics. This is largely a library course. Open to Juniors and Seniors two hours per week, three terms, alternate years. To be given in 1905.

ITALIAN.

1. Grandgent's Italian grammar and Bowen's Italian reader. Exercises in dictation, conversation, and composition. Elective for Juniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, and composition from Grandgent's text. Reading in class of Goldoni's *Il Burbero Benefico* and *La Locandiera*, and at home of De Amici's *Cuore*. Dictation and conversation. Elective for Juniors who have completed Course 1. Three hours; second term.

3. Goldoni's *Il Vero Amico*, selections from Manzoni's *I Promessi Sposi*, Giacosa's *Una Partita a Scacchi;* first, second, and third cantos of Dante's *Inferno*. Elective for Juniors who have completed Course 2. Three hours; third term.

SPANISH.

1. Ramsey's Spanish grammar and reader. Exercises in dictation, conversation, and composition. Elective for Seniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, composition, and conversation. Reading in class-room of Padre Isla's translation of Lesage's *Gil Blas*, and Caballero's *La Familia de Alvareda.* Home reading: Fontaine's *Cuentos Escogidos*, Vega's *El Indiano*, Valera's *El Pájaro Verde.* Elective for Seniors who have completed Course 1. Three hours; second term.

3. Continuation of grammar, composition, and dictation. Reading in class-room of Alarcón's *El Capitán Veneno* and selections from *Don Quijote.* Home reading: Alarcon's *El Final de Norma* and Galdós' *Marianela.* Elective for Seniors who have completed Course 2. Three hours; third term.

GERMAN.

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years, three hours per week.

The aim of the required work is the acquisition of a thorough knowledge of the fundamentals of German grammar and the ability to translate into good English fairly difficult German prose and poetry. The aim of the elective work is a sympathetic literary interpretation of all texts read, an introduction to the masterpieces of the German drama of the classical period, a general knowledge of the history of German literature and a comprehensive view of the tendencies in German literature since Goethe's death.

Careful drill in pronunciation and the intelligent reading of the German text is insisted upon. Some practice in conversation is given, and German is used in the class-room as far as is deemed advisable by the instructor. In the elective courses a large amount of collateral reading outside the class-room is expected. Advanced grammar and composition are not lost sight of throughout the course, although no specialty is made of these subjects after the first year.

1. Elementary Course. Grammar. Easy prose composition. Three hours; first term.

2. Elementary Course. Translation of easy German prose. Grammar. Prose composition. Three hours; second term.

3. Elementary course. Translation of German prose and poetry. Prose composition. Grammar. Three hours; third term.

(Courses 1, 2, and 3 required of all Sophomores who did not present German for entrance.)

4. Lessing: *Minna von Barnhelm*, *Emilia Galotti;* lectures on Lessing's life and works. Three hours; first term.

(Elective for Juniors who have passed in 1, 2, and 3.)

5. Schiller: *Wallenstein*, *Maria Stuart;* lectures on Schiller's life and works. Three hours; second term.

(Elective for Juniors who have passed in 4.)

6. Goethe: *Goetz von Berlichingen*, *Torquato Tasso;* lectures on Goethe's life and works. Three hours; third term.

(Elective for Juniors who have passed in 5.)

7. Goethe: *Faust*, Part I, and selected portions of Part II. Lectures on the History of German Literature. Three hours; first term.

(Elective for Seniors who have passed in 6.)

10. Nineteenth Century Drama. Freytag, Hauptmann, Sudermann. A representative drama from one of the above

authors will be the basis of the work in class. The chief characteristics of the other authors will be presented to the class by informal lectures, individual reports, and collateral reading. Three hours; second term.

[Elective for Seniors who have passed in 7. Not offered in 1903–1904.]

8. Nineteenth Century Fiction. A rapid reading course. The class will read selected portions from the works of such authors as Auerbach, Baumbach, Freytag, Riehl, and Wildenbruch. Three hours; third term.

(Elective for Seniors who have passed in 8.)

9. German Lyrics and Ballads. The work in German poetry will be either a selection of poems of one author or a collection of the poems of various authors. Three hours; third term. Elective for Seniors who have passed in 8.

German Seminary. Special work with advanced students.

ENGLISH.

1. Composition. Study of the paragraph. The writing of weekly themes on assigned and elective topics. The systematic general study of the Principles of Composition, parallel with the written work of the class. Required reading of at least one standard prose work; short essay based on that work.

Two hours; first term.

2. Composition. Continuation of Course 1. Written work and required reading.

Two hours; second term.

3. Composition. Continuation of Course 2. Subjects selected to afford practice in the various modes of rhetorical expression.

Two hours; third term.

(Courses 1, 2, and 3 are required of all Freshmen.)

4. Rhetoric. The thorough study of A. S. Hill's "Principles of Rhetoric;" supplementary reading of Barrett Wendell's "English Composition." Weekly themes. Reports of lectures on the Elements, Qualities, and Principles of Style. Exercises demanding the application of the knowledge gained from these books and lectures.

Three hours; first term.

5. Argumentation. The study of Argumentation and Debating; text-book, G. P. Baker's "Principles of Argumentation." Required reading of masterpieces. Brief-drawing. The preparation and delivery of debates.

Three hours; second term.

(Courses 4 and 5 are required of all Sophomores.)

6. Advanced Composition. The work is adapted, so far as practicable, to the needs and tastes of each student.

Three hours; third term.

(Elective for candidates for the degree of A.B., who have passed in Course 5; required of candidates for the degree of B. S.)

NOTE.—All written work in Courses 1 to 6 is corrected and returned to the writer with criticism and suggestions. Every student is required to meet the instructor at stated hours for conference. Hours are also set apart for voluntary conference.

7. The drama. Lectures on the origin and development of the drama, and its history from Æschylus to Shakespeare. Critical study of selected plays of Shakespeare, with required reading of other works of the Elizabethan age. Outline History of English Literature, one hour each week.

Five hours; first term.

(Required of all Juniors.)

8. Literature of the Seventeenth and eighteenth Centuries. Critical study of selected works of prose and poetry,

with lectures on the literary history and biography of the period. Required reading of other works, with research in the Library; reports, abstracts, and discussions in class.

Four hours; second term.

9. Literature of the Eighteenth and Nineteenth Centuries. Critical study of selected works, with lectures. Required reading of other works, and investigation of special topics.

Four hours; third term.

10. Lectures on literary criticism, with special reference to fiction. Reading of selected works of the Nineteenth Century. Investigation of topics in literary history and criticism.

Four hours; first term.

11. History of the English Language. (First six weeks.) Critical study of Chaucer: Prologue to The Canterbury Tales, and two of the Tales. Topical study of English history in the time of Chaucer. (Last six weeks.)

Four hours; second term.

12. English Literature of the Nineteenth Century. Seminary. Special study of Tennyson and Browning.

Four hours; third term.

(Courses 8 to 12, inclusive, are elective for Juniors and Seniors.)

SOPHOMORE PRIZE DEBATES.

Preliminary Debates.—All Sophomores are required to take part in these debates, the subjects of which are announced in the first term of Freshman year. A prize for excellence in debate is awarded in each division of the class.

Second term.

Champion Prize Debate.—The speakers presenting the best arguments in the Preliminary Debates compete in the Cham-

pion Prize Debate, held during Commencement week; all other Sophomores present Essays on a prescribed subject, in competition for a prize.

Third term.

REQUIRED COMPOSITION WORK OF JUNIOR AND SENIOR YEARS.

This work, in continuation of that done in Courses 1 to 6, is required of all members of the Junior and Senior classes, whether they elect English or not. An essay is presented in each term as follows:

7[1]. Essays based on the study of masterpieces of Exposition or Persuasion.

Junior year, first term.

8[1]. Theses on subjects requiring extended investigation.

Junior year, second term.

9[1]. Original declamations on assigned subjects. Each member of the Class reads his declamation before a committee, by whom the best twelve are selected for delivery in a prize contest during Commencement week.

Junior year, third term.

10[1]. Essays in criticism of some classic in English or American fiction.

Senior year, first term.

11[1]. Original Parts for the Senior Exhibition. Each student reads his part before a committee, who choose twelve to speak in the Exhibition.

Senior year, second term.

12[1]. Commencement Parts. Every member of the class writes a part, but the Commencement speakers are chosen on the basis of scholarship.

Senior year, third term.

MATHEMATICS.

1. Algebra. Ratio and proportion, variation, series, binomial theorem, undetermined coefficients, logarithms, permutations and combinations, probability, continued fractions, theory of equations, graphic algebra. (Well's College Algebra.) First term; five hours each week.

2. Geometry. Solid geometry, which includes polyhedral angles, the various solids bounded by planes, the cone, the cylinder, and the sphere. This course includes a large amount of original work in demonstration and computation. (Phillips and Fisher.) Second term; five hours each week.

3. Trigonometry. Plain and spherical Trigonometry, with problems and applications. (Wells.) Third term; five hours each week.

(Courses 1, 2, and 3 are required of all Freshmen. A brief elective course is given in elementary surveying, largely by lectures.)

4. Plane Analytical Geometry. (Tanner and Allen.) First term; three hours each week.

5. Plane Analytical Geometry, including Higher Plane Curves, completed. Four weeks of second term; three hours each week.

5^1. Analytical Geometry of three dimensions (Tanner and Allen). Last eight weeks of second term; three hours each week.

6. Differential Calculus with applications (Taylor). Third term; three hours each week.

(Courses 4, 5, 5^1, and 6, are elective for Sophomores, or any others who may have taken Courses 1, 2, and 3.)

7. Differential Calculus completed. First term; wo hours each week.

8. Integral calculus, with applications (Taylor). Second term; two hours each week.

9. Integral Calculus completed. Third term; two hours each week.

(Courses 7, 8, and 9 are elective for Juniors, or any others who may have taken the previous courses.)

CHEMISTRY.

Work in this department includes recitations, lectures, and laboratory practice, and continues through the Sophomore, Junior, and Senior years. The study begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

1. Inorganic Chemistry, the non-metals. This course is devoted to the elementary principles of the science. It deals with the nature and properties of a few common elements and the application of the fundamental laws and theories concerning their combination. Recitations and experimental lectures. Three hours; second term.

2. General and Experimental Chemistry. A continuation of Course 1, dealing largely with the metallic elements and including a few of the more common carbon compounds. Recitations and lectures with laboratory work. Three hours; third term.

Courses 1 and 2 are required of Sophomores who have not studied Greek.

3. Elementary Inorganic Chemistry. An introduction to the study of chemistry. Similar to 1, but somewhat more general. Three hours; first term.

4. General and Experimental Chemistry. A continuation of 3, and including a few exercises in organic chemistry.

Quantitative experiments and a variety of chemical problems. Recitations, lectures, and laboratory work. Three hours; second term.

(Courses 3 and 4 are required of all Juniors who have not taken Courses 1 and 2.)

5. Qualitative Analysis. A practical course of basic, acid, and blowpipe analysis, and the preparation of a variety of inorganic salts.

Three exercises (six hours); one-half of Junior year. Required of Juniors who have taken Courses 1 and 2, and elective for others.

6. Quantitative Analysis. Laboratory practice in the use of the methods of gravimetric and volumetric analysis; separation and estimation of metals, acids, and water of crystallization, with special work on ores, alloys, and mineral water.

Three exercises (six hours); one-half year. Elective for all students who have taken Course 5.

7. Elementary Organic Chemistry. An introduction to the study of the compounds of carbon. The fatty series and benzol derivatives.

Three exercises (six hours); first term. Elective for Seniors.

8. Advanced Organic Chemistry. General Course. Lectures and Laboratory work.

Three exercises (six hours); second term. Elective for Seniors.

9. Physiological Chemistry. Lectures and Laboratory work.

Three exercises (six hours); third term. Elective for Seniors.

PHYSICS.

Physics is required of all Sophomores. It is elective to Juniors and Seniors.

1. Elementary mechanics. This is a general course involving only elementary mathematics. Lectures and recitations three hours. Sophomore required course, first term.

2. Heat, electricity, and magnetism. Lectures and recitations three hours. Sophomore required course, second term.

3. Sound and light. Lectures and recitations three hours. Sophomore required course, third term.

4. General laboratory work in mechanics and sound. This course is supplemented by lectures bearing on the laboratory work, and extending the student's knowledge by introducing him to the results of work and laboratory methods which he would be unable to test for himself. Each student is required to hand in a neat and comprehensive report of each experiment performed. Three hours, first term. Elective to Juniors.

5. Electricity and magnetism. This course is a continuation of Course 4. Three hours, second term. Elective to Juniors.

6. Heat and light. Continuation to Course 5. Three hours, third term. Elective to Juniors.

A short course in photography will be given in connection with course 6. This will include properties of various lenses, exposure of plates, development, preparation of developers and fixing baths, printing on various papers, and the making of lantern slides.

7. Introduction to mathematical Physics, including applications of the Calculus to physical problems and introduction to the study of Differential Equations. Three hours, first

term. Elective to Seniors who have completed Mathematics 5 and 6.

8. Electricity and Magnetism. Introduction to the mathematical theory. Three hours, second term. Elective to Seniors who have completed Physics 6.

9. Electricity and Magnetism, Direct and Alternating Current Machinery. Laboratory work, two hours. Elective to Seniors who have completed Physics 5 and 8.

GEOLOGY.

1. Mineralogy. This course is intended to give a general survey of the whole subject of mineralogy. The endeavor is made to familiarize the student with all of the common minerals and rocks. In determinative mineralogy the student is taught the use of the blow-pipe and to identify minerals by their properties and by ordinary dry tests. Two hours, third term. Required of Juniors who have not taken Greek and elective to others.

2. Geology. Dynamical, Structural, and Historical Geology. Particular attention is paid to the geology of the region about Lewiston. Three hours, first term. Elective.

The region affords rare facilities for study in both of the above courses, and several expeditions are required in each.

ASTRONOMY.

1. Astronomy begun. This course is a general descriptive course involving only elementary mathematics. Three hours, second term.

2. Astronomy completed. Two hours, third term.

These Courses are required of Seniors who have not taken Greek, and elective for others.

PHYSIOLOGY.

Instruction in this course is given by recitations, lectures, and laboratory demonstrations. The first few weeks of the course are spent in a careful histological study of the various tissues—including practical demonstrations with the microscope. In connection with the recitations upon physiological problems, lectures in hygiene are given. The practical usefulness of the course is greatly augmented through the use of the Bock-Stegers Anatomical Models of the heart, eye, ear, trunk, etc.; also by use of a human skeleton. As a text-book, Thornton's Human Physiology is used. This course is required for Freshmen who do not offer Greek for entrance, and is given during the first term, three hours; second term, three hours; third term, three hours.

BIOLOGY.

BOTANY.

1. Morphology, Physiology, and Ecology of Flowering Plants.

The method of instruction in this course consists of recitations upon the above subjects, as they are developed by a study of the text-book, by lectures and in laboratory work, and also of a series of laboratory exercises, in which a careful study is made of the morphology of the various parts of the plant body. The seeds, roots, stems, leaves and fruit are taken up in succession; the structure and relation of these parts to the life processes of the plant are recorded in the laboratory notebook, by means of drawings and descriptive notes.

The aim of this course is two-fold: (1) To give the student a general yet comprehensive knowledge of the life processes and structure of the flowering plants; and (2) to begin the training which is so essential to all scientific work—that of accurate observation.

Course 1 is given during the second term, three periods, and is required work for all.

2. Typical Course on the General Classification of the Plant Kingdom.

The work of this course comprises recitations, lectures, and laboratory exercises. A study is made of the principles upon which modern classification is based. Type specimens representing the various groups and sub-divisions of the vegetable kingdom are taken up and studied as to their distinctive characteristics, structure, etc., together with a consideration of the interelations of the groups.

In the laboratory the student studies and sketches most of the specimens taken up in recitation; also considerable attention is given to flower analysis. An herbarium is not required from each student; but the extent and variety of the laboratory analysis should prepare all members of the class so that any having the desire to do so will be able to classify and arrange an herbarium.

Field work constitutes an important part of this course. Weekly trips are taken into the surrounding country for the purpose of collecting and studying the plants in their natural environments. This field work is especially helpful in fixing in the student's mind the general classification of the plant kingdom.

It is the aim of the course to give the student a knowledge of what organisms the plant kingdom includes and how these same organisms are grouped in a general classification.

Course 2 is given during the third term, three periods, and is required for students entering without Greek, but elective for others.

3. Cryptogamic Botany.

This is chiefly a laboratory course, combined with some lecture and recitation work. It is mainly a study of the morphology of cryptogamic plants, beginning with the lowest Thallophytes. The work requires the use of the compound

microscope quite constantly, and the members of the class obtain thereby a practical knowledge of the simpler manipulations of the microscope and preparation of sections. Each student is required to offer for inspection twenty-five stained and permanent sections. Carefully kept note-books with drawings and descriptive notes are required throughout the course.

The two chief objects of the course are: (1) the acquiring of a knowledge of the morphology of the cryptogams; and (2) accurate observation and correct interpretation of the same. The course is given during the first term, three periods (six hours), and is elective.

ZOÖLOGY.

1. General Principles of Zoölogy.

Instruction in this course is given by recitations. Its aim is to teach the general principles of the subject. The course follows chiefly the text of Hertwig's General Principles of Zoölogy; taking up the sub-divisions and history of the subject, the structure, development, and functions of cells, tissues, and organs, general embryology, etc.

The course is given during the first term, three hours. It is required work for students entering without Greek, but is elective for others. Course 1 should be taken by any who contemplate future work in the subject.

3. Morphology, Biology, and General Classification of the Animal Kingdom.

The work of this course is carried on by recitations, lectures, and laboratory exercises. One of the chief aims of the course is the outlining of the principal groups of the animal kingdom, together with the study of their Biology, and Morphology. The laboratory work is confined to representatives

of the chief groups of invertebrates. Typical forms are studied microscopically or dissected, and careful drawings with descriptive notes must accompany the laboratory work.

The course is given during the third term, three periods (six hours), and is required for students who have not taken Greek. It is elective for others.

3. Comparative Anatomy of Vertebrates.

Instruction in this course is given chiefly by laboratory exercises, recitations, and lectures. Type representatives of the different groups of Vertebrata are very thoroughly dissected and studied in a comparative way, from the lower forms to the higher. All observations and records are kept by means of drawings and notes.

The course is intended especially for those who are particularly interested in Biological science, or who intend the future study of human anatomy and medicine.

Course 3 is given during the first term, three periods (six hours), and, in fact, the work of the course, as it is outlined in the above statement, extends throughout the year, including Courses 4 and 5. Course 3 is elective.

4. Comparative Anatomy of Vertebrates.

As given in the statement above, this course is merely a continuation of the same kind of work as begun in 3. Course 4 is given during the second term, three periods (six hours), and is elective.

5. Comparative Anatomy of Vertebrates.

As before stated this course continues the work of Courses 3 and 4. Course 5 is given during the third term, three periods (six hours), and is elective.

6. Microscopic Technique.

In this course instruction is given by lectures and laboratory work. A study is made of the parts and use of the compound microscope, together with laboratory work upon the more essential methods of investigation. This involves practical work upon an invertebrate animal, in some of the more important methods of fixing, hardening, dehydrating, staining, clearing, imbedding, sectioning, and mounting.

The course is given during the first and second terms, three periods (six hours), and is elective.

7. Histology.

The work is taken up by recitations, lectures, and laboratory exercises. The aim of the course is to teach the origin, development, and structure of the more important animal tissues.

The course is given during the third term, three periods (six hours), is elective, but open only to those who have taken Courses 2, 3, 4, and 5.

ORNITHOLOGY.

1. Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the first term twelve lectures are given to the Freshman Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest list of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each.

2. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY.

1. History of Civilization from the Fall of Rome to the Renaissance. This course is designed to furnish a general outline of the development of European culture, keeping constantly in view the proper historical perspective, and attaching most importance to those events and institutions that have exerted a permanent influence upon European civilization. The institutions under which Europe has lived for many centuries, above all the Church, are discussed with considerable fullness. Throughout this course the predominating point of view is that the life of the populace is more important than mere details of court intrigue. An effort is made to treat the life and work of a few men of indubitably first-rate importance in the various fields of human endeavor—Gregory the Great, Charlemagne, Abelard, St. Francis, Petrarch,—with a care proportionate to their significance for the world. Frequent essays, discussing some aspect of the periods under investigation, and maps prepared by the student, are required of each member of the class.

For Sophomores. Three hours. First term. Elective.

2. Modern European History, from Charles V to the Rise of the Third French Republic. This course is essentially a continuation of the course outlined above. Special attention,

however, is given to the growth of democratic institutions, the spread of Protestantism, the economic development of England, the Napoleonic era, and the unification of Germany and Italy. The same methods are used as in Course I.

For Sophomores. Three hours. Second term. Elective.

3. American Colonial History. This course deals with the history of the American colonies from the period of discovery to the end of the Revolutionary War. American colonization is considered in the light of general colonization as a phase of history. Special attention is given, first, to the constitutional and institutional development of the English colonies and their growth toward independence and union, and secondly, to the struggle between France and England for mastery in the new world. The course terminates with a detailed study of the causes and consequences of the American Revolution.

Some effort is made in connection with this course, as well as Course 4, to familiarize the student with the best methods of historical research. Collateral reading, map work, and written exercise are required.

For Sophomores. Three hours. Third term. Elective.

4. American National History. The political and social history of the United States from the Revolutionary War to the present time. The formation and dissolution of the Confederation of 1781; the framing of the federal constitution; the growth of the union; the rise and history of political parties; the influence of westward expansion, and of slavery, on political life; the origin and significance of the more important economic problems that have occupied the attention of the nation.

For Juniors. First term. Three hours. Elective.

SOCIOLOGY.

1. The Outlines of Sociology. A study of the elementary principles of human association and the development of the different forms of association. The principal topics under discussion will be the nature of social phenomena, the scope and method of sociology, the social mind, the processes of social development, the evolution of domestic, ceremonial, political, ecclesiastical, professional, and industrial institutions. The purpose of this course is to develop in the mind of the student the power to observe and analyze social facts, to enable him to trace these facts to the elementary social motives and forces, and to foster a spirit of social solidarity by establishing an ethical theory of social progress.

For Seniors. Three hours. Second term. Elective.

2. Practical Sociology. This course deals with the present-day problems of social life,—the treatment of defectives, dependents, and delinquents. Modern civilization has given rise to ethical, economic, and hygienic problems that are peculiarly complex and are calling for solution. An effort is made in this course to acquaint the student with the nature of these problems and the solutions that have been proposed for them. The principal social problems under discussion will be Immigration, Pauperism, Charity Organization, Slums, Intemperance, and Criminality.

This course is not technical, but intended as a preparation for intelligent citizenship. Students will be encouraged to undertake sociological field-work, *i. e.*, the study of charitable and correctional institutions in this vicinity. The class will visit such institutions in groups, and an effort will be made to have specialists in social reform work lecture to the students from time to time.

For Seniors. Three hours. Third term. Elective.

POLITICAL SCIENCE.

The course in Political Science or Public Law is planned to familiarize the student with the theory and machinery of American government, our federal constitutional law as compared with that of the leading European nations, and the present tendencies in national and local government. An analytical and critical study of the United States Constitution constitutes part of the course, which terminates with an examination of the workings of political parties.

For Seniors. Three hours. First term. Elective.

ECONOMICS.

1. Principles of Political Economy. An introduction to the study of economic problems. Although this is essentially a course in economic theory, the student is led to observe critically and carefully the phenomena of every-day industrial life, and thus to remark those uniformities which are expressed by theoretical formulæ. He is familiarized with the nature of economic laws, the data of economic inquiry, the scope and method of economic science, and equipped with a knowledge of its leading principles. He is furthermore, and above all, led to appreciate the complexity of practical economic problems; and with a view to acquainting him with the actual mechanism of modern industrial life, visits will be made by the class to factories, work-shops, and other industrial estabments.

Required of all Juniors. Three hours. Second term.

2. Economic Distribution and Consumption. A continuation of Course 2 in Economics. The course is devoted in part to a study of the economic problems of distribution and an examination of socialism, collectivism, nationalism, and the single tax theory. The last part of the course consists of a more detailed study of consumption than is usually given by

most authorities on economics, and an endeavor is made to emphasize the ethical and sociological significance of this aspect of economic activity. Required of all Juniors. Three hours. Third term.

ELOCUTION.

FRESHMAN YEAR.—SECOND TERM.

1. Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaneity; Freedom; Vocal Painting.

Vocal Training. Correct methods of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work one hour a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR—FIRST TERM.

2. Development of logical instinct. Emphasis; Inflection; Touch; Subordination. Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone. Class work one hour a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR.—THIRD TERM.

3. Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work one hour a week.

SENIOR YEAR—THIRD TERM—ELECTIVE.

4. Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work one hour a week.

Open to young women only.

5. Study of different forms of oratory. Work on extracts from each style, with training in gesture and attitude, as related to public speaking. Open to young men only.

Senior year. Third term. Elocution 4 and 5.

EDUCATION.

1. Introduction to educational theory. Lectures, class exercises, required reading, and discussion of educational principles. Weekly reports.

Three hours. Third term.

This course deals with the special aims and general method of elementary and of secondary education; educational values; the correlation of studies; child study; moral training; school hygiene; the bearing of psychology and ethics on educational practice; bibliography. The course is intended as a guide to the further study of educational questions, and is given primarily for those who expect to teach.

2. The history of education. A general survey of education, training the historical development of modern schools and universities, with especial consideration of their ideals, methods, and organization. Required reading and weekly reports.

[Courses 1 and 2 are given in alternate years; course 2 is omitted in 1902-1903.]

HYGIENE AND PHYSICAL TRAINING.

HYGIENE.

Lectures on Human Anatomy, Physiology, and Personal Hygiene. The lectures on Anatomy and Physiology are given as a foundation for the lectures on Personal Hygiene. Required of Freshmen. Second term.

The Director of Physical Training gives each young man entering the Freshman Class a thorough physical examination during the first term of his attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry, in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

PHYSICAL TRAINING.

1. Class exercises: Military drill, setting-up exercises, and Indian-club swinging. Squad exercises (graded to suit the strength of each division): Basket-ball, indoor athletics, chest-weights, developing appliances, bar, rings, etc. From the first of November to first of April. Monday, Tuesday, Thursday, Friday. Required of Freshmen.

2. Class exercises: Setting-up exercises, dumb-bell drill. Squad exercises: Boxing, wrestling and heavy gymnastics, basket-ball, bowling, indoor athletics. Second term: Monday, Tuesday, Thursday, Friday. Required of Sophomores.

3. Class exercises: Setting-up exercises, fencing with single sticks and with broad-swords. Squad exercises: Basket-ball,

indoor athletics, heavy gymnastics. Second term: Monday, Tuesday, Thursday, Friday. Required of Juniors.

During the first of the fall term each young woman entering the Freshman Class is given a thorough physical examination by Alice W. Tallant, M.D. From the measurements and strength tests taken, a chart is made out for each young woman, showing her size, strength, and symmetry, in comparison with the Wellesley standard. A hand-book containing exercises prescribed for the correction of any physical defects shown by her chart is furnished each student. Dr. Tallant gives the young women of the Freshman Class a course of ten lectures in personal hygiene.

4. Class exercises: Marching, Swedish movements, fancy steps, and Indian-clubs. Division exercises (graded to suit the strength of each division): Basket-ball, developing appliances, light apparatus work, stall-bars, etc. From the first of November to first of April. Monday, Wednesday, Thursday. Required of Freshmen.

5. Class exercises: Marching, Swedish movements, fancy steps and dumb-bells or wands. Division exercises (graded to suit the strength of each division): Basket-ball, bowling, developing appliances, stall-bars, indoor athletics. Second term: Tuesday, Wednesday, Friday. Required of Sophomores and Juniors.

Outline of Studies.

The figure preceding a subject indicates the number of the course in that study as explained on pages 18 to 50. The figure following a subject indicates the number of exercises per week. Electives are italicized. The left-hand column shows the arrangement of studies for students who offer Greek for entrance. The column on the right shows approximately the arrangement for others.

FRESHMAN YEAR.

First Term.

1	Latin 3	1	Latin 3
1 or 1*a*	Greek . . . 3	1	Physiology 3
1	English . . . 2	1	English 2
1	Mathematics . 5	1	Mathematics 5
1	French . . . 2	1	French 2
1	Christian Ethics 1	1	Christian Ethics . . 1
1	Ornithology . . 1	1	Ornithology 1

Second Term.

2	Latin 3	2	Latin 3
2 or 2*a*	Greek . . . 3	2	Physiology 3
2	English . . . 2	2	English 2
2	Mathematics . 5	2	Mathematics 5
2	French . . . 3	1	Botany 3
1	Elocution . . 1	1	Elocution 1
1	Hygiene . . . 1	1	Hygiene 1

Third Term.

3	Latin 3	3	Latin 3
3 or 3*a*	Greek 3	3	Physiology 3
3	English . . . 2	3	English 2
3	Mathematics . 5	3	Mathematics 5
3	French . . . 3	2	Botany 3
2	Ornithology . . 1	2	Ornithology 1

SOPHOMORE YEAR.

First Term.

4	English	3	4	English	3
1	German	3	1	German	3
1	Physics	3	1	Physics	3
2	Elocution	1	1	Zoölogy	3
4	*Mathematics*	3	2	Elocution	1
4	*Latin*	3	4	*Mathematics*	3
1	*History*	3	4	*Latin*	3
4	*Greek*	3	3	*Botany*	3
			1	*History*	3

Second Term.

5	English	3	5	English	3
2	German	3	2	German	3
2	Physics	3	2	Physics	3
1	Botany	3	1	Chemistry	3
5	*Mathematics*	3	5	*Mathematics*	3
5	*Greek*	3	5	*Latin*	3
2	*History*	3	2	*History*	3
5	*Latin*	3			

Third Term.

3	German	3	3	German	3
3	Physics	3	2	Zoölogy	3
2	*Botany*	3	2	Chemistry	3
6	*English*	3	3	Physics	3
6	*Mathematics*	3	6	*English*	3
6	*Latin*	3	6	*Mathematics*	3
4	*French*	3	6	*Latin*	3
3	*History*	3	4	*French*	3
			3	*History*	3

JUNIOR YEAR.

First Term.

7	English	4	7	English	4
3	Chemistry	3	5	Chemistry	3
4	*German*	3	4	*German*	3
5	*French*	3	5	*French*	3
4	*Physics*	3	3	*Zoölogy*	3
4	*History*	3	4	*History*	3
3	*Botany*	3	4	*Physics*	3
1	*Zoölogy*	3	7	*Latin*	3
7	*Latin*	3	7	*Mathematics*	2
7	*Mathematics*	2			

Second Term.

1	Economics	3	2	Economics	3
4	Chemistry	3	5 and 6	Chemistry	3
8	*English*	4	8	*English*	4
8	*Latin*	3	8	*Latin*	3
5	*German*	3	5	*German*	3
6	*French*	3	6	*French*	3
5	*Physics*	3	5	*Physics*	3
8	*Mathematics*	2	4	*Zoölogy*	3
5	*Historical Seminary*	2	8	*Mathematics*	2

Third Term.

2	Psychology	3	2	Psychology	3
2	Economics	3	2	Economics	3
3	Elocution	1	3	Elocution	1
9	*English*	4	1	Mineralogy	2
6	*German*	3	6	*German*	3
7	*French*	3	7	*French*	3
5	*Chemistry*	3	6	*Chemistry*	3

1	*Mineralogy*	2	9	*English*	4
6	*Physics*	3	6	*Physics*	3
2	*Zoölogy*	3	5	*Zoölogy*	3
9	*Latin*	3	9	*Latin*	3
9	*Mathematics*	2	9	*Mathematics*	2

SENIOR YEAR.

First Term.

3	Psychology	3	3	Psychology	3
10	*English*	4	2	Geology	3
7	*German*	3	10	*English*	4
8	*French*	3	7	*German*	3
5 and 6	*Chemistry*	3	8	*French*	3
2	*Geology*	3	7	*Chemistry*	3
7	*Physics*	3	6	*Zoölogy*	3
4	*Economic Seminary*	2	4	*Economic Seminary*	2
1	*Political Science*	3	7	*Physics*	3
10	*Latin*	3	10	*Latin*	3
3	*Zoölogy*	3	1	*Political Science*	3
1	*Spanish*	3	1	*Spanish*	3

Second Term.

4	*Logic*	3	1	Astronomy	3
11	*English*	4	1	Sociology	3
6	*Chemistry*	3	4	*Logic*	3
1	*Sociology*	3	11	*English*	4
8	*Physics*	3	8	*Chemistry*	3
8	*German*	3	8	*German*	3
9	*French*	3	9	*French*	3
1	*Astronomy*	3	8	*Physics*	3
11	*Latin*	3	11	*Latin*	3
4	*Zoölogy*	3	2	*Spanish*	3
2	*Spanish*	3			

Third Term.

4	*Elocution*	1	2	Astronomy	3
5	*Ethics*	3	7	*Zoölogy* (*Histology*)	3
12	*English*	4	4	*Elocution*	1
7	*Chemistry*	3	5	*Ethics*	3
9	*Physics*	3	9	*Physics*	3
2	*Sociology*	3	12	*English*	4
2	*Astronomy*	3	9	*Chemistry*	3
10	*French*	3	2	*Sociology*	3
9	*German*	3	10	*French*	3
12	*Latin*	3	9	*German*	3
3	*Spanish*	3	12	*Latin*	3
			3	*Spanish*	3

After the first year students elect subjects enough to make not less than 15 exercises per week (16 including elocution) and not more than 19.

THE COMBINED COURSE.

This course permits students of the Sophomore, Junior, and Senior classes, who have the ministry in view, to elect each year one study in the classes of Cobb Divinity School. This enables the student to complete, while in college, the equivalent of one full year's work of the divinity course; so that upon graduating from the college, two more years in the divinity school will entitle him to graduate therefrom; thus reducing by one year the length of his entire course in college and divinity school.

Students pursuing this course will take the following studies in the divinity school: While Sophomores in college, New Testament interpretation with the Junior Class of the divinity school; while Juniors in college, New Testament interpretation with the Middle Class in the divinity school; while Seniors in college, Hebrew and Old Testament History with the Junior Class in the divinity school.

LABORATORIES.

CHEMICAL.

The building of the chemical department is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture room, with rooms adjoining for chemicals and apparatus, and a class laboratory room recently fitted up with tables and sinks sufficient to accommodate thirty-two students. The large room for the general laboratory work of the classes occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories. The heating apparatus has been changed and the building is now thoroughly heated by steam.

PHYSICAL.

During the summer of 1899 the Physical Department was moved from Hathorn Hall to Science Hall—a large, commodious building formerly occupied by the Latin School. The department comprises a well-arranged lecture-room, a large and well-appointed general laboratory and apparatus room, a dynamo room and workshop, and a dark-room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing. Among the apparatus may be mentioned a Queen electro-dynamo-meter, alternating current volt-meter, standard resistances, complete

X-ray outfit, large Ruhmkorff coil, several motors, 1500 watt dynamo, hand-power dynamo, demonstration lantern with good optical bench, spectroscope with two prisms, and apparatus for wireless telegraphy.

BIOLOGICAL.

Excellent accommodations have been prepared in Science Hall for a Biological laboratory and recitation rooms. These are fitted with the necessary appliances and afford ample opportunities for thorough and extensive work in this department.

CABINETS.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe

and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about one thousand specimens.

LIBRARIES.

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets), . .	*20,972
Divinity School Library, ...	4,512
Eurosophian Society Library, ...	609
Total, ...	26,093

*This includes about 600 volumes donated by the Polymnian Society.

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open six hours a day for consultation and the delivery of books.

UNIVERSITY EXTENSION.

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the secretary of the Faculty.

GYMNASIUM.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

Eight fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD.

The new Garcelon Athletic Field has been completed, and is considered one of the best in New England. Its attractiveness has been greatly increased by the erection of a tasteful and commodious Grand Stand. The field, surrounded by a fence, is seven acres in extent, and constructed at an expense of over $6,000. It contains a quarter-mile track, two hundred and twenty yard straight-away, take-offs for the jumps and pole vault, foot-ball field, base-ball diamond, and three excellent tennis courts.

RELIGIOUS EXERCISES.

At the close of the first morning recitation each day all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

READING-ROOM.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

COLLEGE MAGAZINE.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PLÆRIAN. The last is a new society, organized in the spring term of 1897. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evening, and are occasions not merely of social pleasure, but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in college, and hardly second in utility to any department of the curriculum.

THE STUDENTS' SENATE.

The Students' Senate is a body of men of the college which meets every Tuesday evening for debating, public speaking, and parliamentary practice. In organization and in methods of conducting business the Senate is similar to Congress. Membership is open to all men students.

YEARLY EXPENSES.

Tuition,	$50.00	$50.00
Suites of rooms, including heat (two in a suite),	15.00	to 30.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00	to 111.00
Lights, laundry, books, etc.,	20.00	to 30.00
General expenses,	21.00	24.00
Total,	$180.00	$245.00

Students taking Laboratory courses in Chemistry and Physics are charged an extra fee of five dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart and hand-book.

Board in private families (laundry, fuel, etc., included), $4.00 to $5.00 per week. Rooms in private families, without board, can be obtained at reasonable prices. Arrangements have been made by which healthful and palatable food can be obtained in one of the College buildings at a cost not exceeding two dollars per week to each student.

Students are advised in regard to selecting their rooms and boarding places, and after selection is made are not expected to change without consulting the Class Officer.

College bills for the First Term must be paid by October 15th, and for the Second Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Third Term must be paid by May 1st. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

Young men desiring information about rooms in the College dormitories should write to the Head Janitor, Mr. Fred H. Merrill, 151 Wood Street.

Young women desiring similar information should address the Dean, Miss Caroline E. Libby.

EXAMINATIONS.

Written examinations are given at the close of each term and at such other times as the instructors may determine.

RANK BILLS.

These are sent to the parent or guardian of each student at the close of every term.

DEGREES.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the requisite courses.

The Degree of Master of Arts is conferred on graduates of the College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and thesis. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

BUILDINGS.

The College has eight buildings—Hathorn Hall, Parker Hall, Hedge Laboratory, Science Hall, Roger Williams Hall, Coram Library, Gymnasium, and President's House.

CORAM LIBRARY.

Coram Library is one of the most beautiful and best planned buildings of its kind. Its reading, reference, seminar, and stack rooms are models of taste and convenience. The furnishings throughout are of the most approved designs of modern libraries. One of the largest rooms has been reserved for the reception of statuary, bronzes, pictures, and curios that the friends of the College have been waiting to give when a suitable place should be provided. There is now ample space for new books, and it is hoped that long standing needs in various departments will soon be met. Special attention is invited to the needs in the departments of Sociology, Economics, and History.

RESOURCES.

A fair valuation of the grounds, buildings, libraries, and apparatus of Bates together with her permanent fund, shows that her total property amounts to nearly $750,000. Of this sum about $400,000 is in invested funds. While this discloses great progress, it leaves her still one of the most scantily endowed of New England colleges. Of the fund in her Treasury about $150,000 really belongs to the Cobb Divinity School and the income of that amount is, therefore, not available for the maintenance of the College. Again more than $70,000 of her fund is in the form of endowed scholarships—the income of which goes to help deserving students. The amount, therefore, from which an income is available for the direct uses of the College after deducting the above sums from her total fund is less than $200,000.

THE PUBLIC SERVICE OF BATES.

To all who can prize her contributions to the intellectual and moral forces that must save our country Bates can unhesitatingly appeal.

Down to 1902, of her 965 graduates, 417 had become teachers—more than 43 per cent—and 122 ministers, the latter being distributed among ten religious denominations. Fifty had filled positions in Universities and Colleges, and more than this number had won distinction as State, City, and District Superintendents and as Principals of important Secondary Schools. In Authorship, on the Bench, in Legislation, in Journalism, Law, Medicine, and Engineering, she had distinguished representatives; while nearly the entire body of her alumni had proved themselves pure, earnest, useful citizens, ready for every good word and work, and making happier and better the communities in which they lived. The thorough preparation that Bates gives for public speaking is shown by

the honors won in the last seven years in nine out of ten intercollegiate debates—three of these with Universities.

REASONS FOR AIDING BATES.

1. To a large number of young men and young women she offers their sole reasonable hope for obtaining a liberal education.

2. She is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. She has been successful in securing character as well as scholarship.

4. She has no taint of sectarianism.

5. Her location is the best possible for her usefulness. She can gather young men and young women of small means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.

6. She took up the cause of higher education for women when it was unpopular.

7. Every dollar given to her work strengthens the forces that are shaping our Christian civilization.

SUMMARY OF NEEDS.

1. $500,000 as an immediate addition to the permanent fund, in order to ensure the efficient maintenance of present work, the development of existing departments, the establishment of a chair of Pedagogy, and the increase of the salaries of the teachers to a living basis. Of this amount $150,000 is required to relieve the College from the necessity of raising $7,000 annually for current expenses.

2. $100,000 for the benefit of the women students—$35,000 to complete the amount required for the erection of a

building, and $65,000 to maintain such a building and to ensure a proper salary to a Woman Gymnasium Director.

3. $10,000 for the reconstruction and equipment of Science Hall.

4. $5,000 to pay for the furnishing of Coram Library and to secure additional appliances.

5. $25,000 as a permanent fund for the Library.

6. $50,000 for an Auditorium with rooms for the literary and religious societies.

7. $100,000 for additional Scholarships for deserving students.

8. $40,000 for the erection of a new Gymnasium for the men students.

9. $100,000 for the erection and maintenance of an Astronomical Laboratory and the support of its Director.

10. $10,000 for the grading and improvement of the campus. The total of the amounts named is nearly $1,000,000. We can do a valuable work while waiting for some of these needs to be met; others of them are urgent; all of them are implied in the plan of our institution; and could they be met at once, the result would justify the outlay.

Forty thousand dollars will endow a professorship. One thousand dollars will endow a perpetual scholarship. Fifty dollars will pay the tuition of a deserving student for one year.

FORM OF A BEQUEST.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship.

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, N. H.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, Rhode Island.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Nathaniel Bowen Scholarship.

Endowed by Mrs. Hannah Bowen, of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson, of Stark.

Quinnam Scholarship.

Endowed by Mrs. James Hobbs of Chicago, Ill., in memory of her father, Rev. Constant Quinnam.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1899.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship.

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship.

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship.

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships.

The Trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy

and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of said scholarships.

Lovina Haines Haskell Scholarship.

Endowed by Edwin B. Haskell of Boston, Mass.

Fiske Scholarship.

Endowed by Miss Elizabeth S. Fiske of Boston, Mass.

Rowe and Clarry Scholarships.

Endowed by a bequest of Mrs. Emily H. C. Rowe in memory of her daughter, Miss Emma F. Clarry, and affording free tuition to four young women, preference to be given to worthy students from Brooks, Me.

Dexter N. Richards Scholarship.

Endowed by Mrs. L. M. Richards of Brookline, Mass., in memory of her husband.

Stetson Scholarship.

Endowed by Amos W. Stetson of Boston, Mass.

John D. Philbrick Scholarship.

Endowed by Mrs. John D. Philbrick.

William Wells Cate Scholarship.

Endowed by Rev. C. E. Cate, D.D., of Providence, R. I., in memory of his brother.

Coe Scholarship.

A scholarship of $3,000, endowed by Thomas Upham Coe of Bangor, in memory of his brothor, Eben Smith Coe. The

income is awarded annually to the man in the Senior Class whose scholarship and conduct, during the previous three years of the course, have been the most meritorious. The award is made at the close of the Junior year.

Waldron Fund.

Given by Rev. William H. Waldron of Farmington, N. H., the interest to pay the tuition of students studying for the Christian ministry.

Knowlton Scholarship Fund.

Hon. Hiram Knowlton of Portland, Me., has deposited with the treasurer of the College $3,000, the income of which sum is to be used, when under the stipulated conditions it shall become available, for the maintenance of certain scholarships.

Joseph S. Ricker Scholarship Fund.

A fund of $10,000 to ensure free tuition to deserving women students—the beneficiaries to be selected, whenever practicable, from different counties in Maine.

Bradstreet Fund.

Mr. William W. Bradstreet of Gardiner, Me., has established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows:

First—For General Scholarship.

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation.

In the Second Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the First Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Third Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition.

In the Third Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate.

Second Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Third Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are elected from the Sophomore Class to participate in it.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

Through the generosity of Mr. W. H. H. Bryant of Boston, Mass., a prize of sixty dollars will be awarded annually to the member of the Senior Class who shall prepare the best essay upon "Arbitration Instead of War."

For the past year prizes have been awarded as follows:

For General Scholarship—Carroll L. McKusick, Alice L. Sands, Frank C. Stockwell, Marion E. Mitchell, Harold N. Cummings, Alice P. Rand.

For Public Declamation—1902, to William R. Redden, Alice P. Rand; 1903, to Carl F. Getchell, Maud Lillian Thurston.

For English Composition—1903, to George H. Harmon.

For Original Declamation—1903, to John H. Gould, Bessie L. Bray.

For Public Debate—1903, to Charles P. Durell, Charles E. Junkins, Marion D. Ames, Orin M. Holman, Mary A. Lincoln, William L. Parsons.

For Champion Debate—1903, to Orin M. Holman.

In the Intercollegiate Debate with Trinity College the winning team consisted of Carroll L. Beedy, '03; Norris S. Lord, '03; Judson C. Briggs, '04. With Boston University Law School the winning team was Albion K. Spofford, '04; Frederick M. Swan, Jr., '04; Guy L. Weymouth, '04.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
ADAMS, WALTON SAMUEL,	*Bowdoinham.*	P. H.
ALLEN, CHARLES PLUMMER,	*Columbia Falls.*	37 P. H.
ALEXANDER, CARRIE MAUDE,	*Litchfield Corner.*	M. H.
BALDWIN, ALBERT KILBURN,	*Winthrop.*	19 R. W. H.
BARKER, ABBY LOUISE,	*Wayne.*	M. H.
BILLINGS, LUCY MAE,	*Eastbrook.*	M. H.
BRADFORD, HARRY LEWIS,	*Newport.*	60 Middle Street.
BRAY, BESSIE LEILA,	*Auburn.*	69 James Street, Auburn.
BRAY, EMMA ADELINE,	*Auburn.*	69 James Street, Auburn.
BRIGGS, JUDSON CARRIE,	*Caribou.*	33 P. H.
CARROW, MAE HELENA,	*Auburn.*	86 Union Street, Auburn.

CASE, EGBERT ATHELING, *Hatfield Point, Kings Co., N. B.*
94 Nichols Street.

COLE, PERLEY LLEWELLYN, *Harrison.*
11 P. H.

COOPER, BESSIE CORA HELENA, *Smyrna Mills.*
M. H.

CROCKER, FRANCIS BENJAMIN, JR., *Nahant, Mass.*
52 P. H.

CUTTEN, LEVERETT HOWELL, *Portland.*
43 P. H.

DAVID, JOHN ARCHER, *Chelsea, Mass.*
29 P. H.

DUNFIELD, FRANK FREEMAN, *Glenville, West Co., N. B.*
17 R. W. H.

FLANDERS, JESSE KNOWLTON, *Franklin Falls, N. H.*
17 P. H.

FORTIER, HARRY EARL, *Turner Center.*
7 P. H.

FORSYTH, EDMUND CLARK, *Little Falls, N. Y.*

FROST, ALICE IMOGENE, *Norway.*
W. H.

GARLAND, ERNEST CHARLES, *Lewiston.*
8 Vale Street.

GIVEN, JANE MARY, *Bowdoinham.*
C. H.

GOULD, JOHN HAROLD, *Yarmouth.*
29 R. W. H.

GREEN, RUBY LUELLA, *Hodgdon.*
M. H.

HAMILTON, EFFIE LORANIA, *Waterboro'.*
M. H.

HAMMOND, FRANK MERTON, *Lincoln.*
34 P. H.

Harmon, George Henry,	*Bath.* 40 S. H.
Hodgson, Florence Ethel,	*Lewiston.* 194 Bates Street.
Holman, Ernest Marshall,	*South Carthage.* 26 R. W. H.
Knollin, Fletcher H.,	*Newton, Kings Co., N. B.* 17 R. W. H.
Lane, Earl Carlton,	*Livermore Falls.* 45 P. H.
Lugrin, Bessie Atherton,	*Lewiston.* 122 Sabattus Street.
McKusick, Carroll Lee,	*Parkman.* 11 Mountain Avenue.
Milliken, Hattie True,	*Augusta.* 16 Frye Street.
Mitchell, Nelson Stafford,	*Harmony.* 34 P. H.
Morison, Virabel,	*East Livermore.* M. H.
North, Edna Mae,	*Turner.* M. H.
Parkin, Maude Ellen,	*Lisbon Falls.* M. H.
Parlin, Amber Lorene,	*Lewiston.* 447 Main Street.
Phillips, Eva Ingraham,	*Lewiston.* 159 Pine Street.
Plant, Perley Hollis,	*Denmark.* 30 P. H.
Reynolds, Elsie Mabel,	*Livermore Falls.* M. H.

Robbins, Bradford Hilton,	*Auburn.* 35 P. H.
Ross, George Andrew,	*Alexandria, Va.* 134 College Street.
Rounds, Frank Wendell,	*South Paris.* 33 P. H.
Russell, Bessie Lucile,	*Lewiston.* 98 Pine Street.
Sands, Alice Laura,	*Lewiston.* 19 Walnut Street.
Seliger, Charles Hugh Bruno,	*North Auburn.* 34 R. W. H.
Senter, George Adams,	*Windham, N. H.* 24 R. W. H.
Sinclair, John Abbott,	*Stetson.* 28 S. H.
Smith, Eugene Bernard,	*S. Framingham, Mass.* 26 R. W. H.
Space, Mary Lynne,	*Keuka, N. Y.* W. H.
Spofford, Albion Keith,	*South Paris.* 18 P. H.
Swan, Frederick Mott, Jr.,	*New Sharon.* 17 P. H.
Sweeney, Joseph Cleveland,	*Sabattus.* At Home.
Thompson, Edith Etta,	*Farmington.* C. H.
Thompson, Grace Violet,	*Lewiston.* 12 Webster Street.
Turner, Viola Josephine,	*Palermo Center.* M. H.

Walker, Alta Claire,	*South Paris.* M. H.
Wallace, Almira Rice,	*Concord, N. H.* 83 Elm Street.
Wallace, Fred William,	*Sandwich, N. H.* 83 Elm Street.
Weymouth, Guy Linwood,	*Greene.* 29 P. H.
Weymouth, Milton Wedgwood,	*West Auburn.* 45 P. H.
Wheeler, Anella Martha,	*Berlin, Mass.* M. H.
White, Ethelyn Gertrude,	*New Hampton, N. H.* M. H.

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JUNIOR CLASS.

NAME.	RESIDENCE. ROOM.
Abbott, John Woodward,	*Lewiston.* 10 Pleasant Street.
Ames, Marion Dinant,	*Lewiston.* 70 Elm Street.
Barr, John Ernest,	*Lowell, Mass.* 237 Oak Street
Bartlett, Mary Alice,	*S. Natick, Mass.* M. H.
Bartlett, Mary Elizabeth,	*Woodfords.*
Bessey, Earle Dutton,	*Brooks.* H. H.
Blake, Percy Harold,	*Auburn.* 45 P. H.
Briggs, Adelaide Louise,	*Lewiston.* 1051 Main Street.
Bryant, Elsie Mary,	*North Leeds.* F. H.
Bryant, Lula Rae,	*Pittsfield.* M. H.
Burkholder, Calder Phillips,	*Winnebago City, Minn.*
Cole, Elijah Day,	*Mechanic Falls.* Yates Street, Mechanic Falls.
Cooper, Christopher George,	*Smyrna Mills.* 5 P. H.
Cornelison, Mabel May,	*Houlton.* F. H.

DeMeyer, John Everard, *Eastbrook.*
H. H.

Doe, Harry Franklin, *Livermore.*
9 P. H.

Donnell, Ardella Dill, *Lewiston.*
79 Elm Street.

Downey, Daisy Vaughn, *Jackson, N. H.*
M. H.

Durell, Charles Pendexter, *Oxford.*
37 P. H.

Files, Bertha Celestia, *Bangor.*
M. H.

Goddard, Lucile Bruff, *Woodfords.*
66 Howe Street.

Goddard, Harriet, *South Westport, Mass.*
69 James Street, Auburn.

Gould, May Evelyn, *Skowhegan.*
M. H.

Hodnett, Mabel, *Danforth.*
181 Oak Street.

Holman, Orin Merton, *Otisfield Gore.*
37 P. H.

Holmes, Effie Mabelle, *Lewiston.*
F. H.

Junkins, Charles Edson, *York Corner.*
12 P. H.

Libbey, Harold Shaw, *Lewiston.*
128 Sabattus Street.

Lincoln, Mary Alice, *Meredith, N. H.*
M. H.

Mann, George Eugene, *Manville, R. I.*
19 R. W. H.

Mason, Forest Lionell, *Mechanic Falls.*
42 P. H.

Maxim, Alton True, *South Limington.*
41 P. H.

MILBURY, GEORGE DOUGLASS, *Tracy Mills, N. B.*
4 R. W. H.

MILLETT, CHARLOTTE A., *Gorham.*
W. H.

MITCHELL, MARION ETHEL, *Bangor.*
M. H.

NORTON, MONIRA LOUISE, *Auburn.*
34 Loring Avenue, Auburn.

PARSONS, WILLIAM LEWIS, *New Portland.*
5 P. H.

PATTEN, JOHN GRAY, *Bowdoinham.*
12 P. H.

PEABODY, GRACE MAY, *Lewiston.*
125 Wood Street.

PERKINS, ELIZABETH SARAH, *Alfred.*
M. H.

PETERSON, JOHN EMIL, *Marlboro, N. H.*
32 R. W. H.

PETTENGILL, DAVID LESTER, *No. Bangor, Me.*
19 R. W. H.

RAMSDELL, MARY JANE, *East Hebron.*
247 College Street.

REED, ADA MAUD, *Auburn.*
11 Skinner Street.

REED, JOHN STILLMAN, *Frye.*
31 P. H.

SAMPSON, GEORGE GORDON, *Farmington.*
30 S. H.

SPOONER, THOMAS, *Auburn.*
2 Union Street, Auburn.

STETSON, LILLA AUGUSTA, *Auburn.*
175 Whitney Street, Auburn.

STETSON, MARY LOUISE, *Auburn.*
175 Whitney Street, Auburn.

Stockwell, Frank Clifford,	*S. Framingham, Mass.* 8 P. H.
Symonds, Sadie Brooks,	*Exeter, N. H.* M. H.
Thissell, Amy Dodge,	*Beverly, Mass.* M. H.
Thurston, Maud Lillian,	*Bethel.* C. H.
Turner, Ethel Augustus,	*Palermo Centre.* 34 P. H.
Tuttle, Chester Clinton,	*Buckfield.* 38 P. H.
Tuttle, Eugene,	*Haverhill, Mass.* 35 P. H.
Vance, Marion Eveline,	*Lewiston.* 108 Winter Street.
Walker, Charles Henry,	*Mechanic Falls.*
Walton, Mary Eleanor,	*Portland.* W. H.
Williams, Meredith Gilbert,	*Nobscot, Mass.* 8 P. H.
Wilson, Edbert Carson,	*Portland.* 43 P. H.
Winslow, Ralph Golder,	*Lewiston.* 91 Horton Street.
Yeaton, Harold Wentworth,	*Rochester, N. H.* 13 P. H.

SOPHOMORE CLASS.

NAME.	RESIDENCE. ROOM.
Allan, Harold Aubrey,	*Lewiston.* 98 Walnut Street.
Allen, Emma Etta,	*Windham Center.* F. H.
Austin, Winfield Scott,	*Newton, N. H.* 21 P. H.
Barker, Guy Burnham,	*Bethel.* 121 College Street.
Barlow, Isabel,	*Lewiston.* 418 Main Street.
Bartlett, Ralph Atherton,	*Gardiner.* 65 Sabattus Street.
Benner, Guy Percy,	*So. Monmouth.* 11 R. W. H.
Blackwood, Myrtle May,	*Cumberland Mills.* F. H.
Blake, Frank Harold,	*Somersworth, N. H.* S. H.
Blount, Henry Gardner,	*Chatham, Mass.* 20 P. H.
Bonney, Luther Isaac,	*Turner Center.* 210 Summer Street, Auburn.
Brackett, Roy Frost,	*Limington.* 113 Wood Street.
Bradley, Ross Mortimer,	*Roxbury, Mass.* 26 P. H.
Bragdon, Blanche Arline,	*Springvale.* 12 Webster Street.

Briery, Augusta Parks,	*Richmond Corner.* W. H.
Brooks, Charles Elwood,	*Yarmouthville.* Montello Street.
Brown, Harry Alvin,	*Liberty.* 100 Elm Street.
Bryant, Daniel Leslie,	*North Leeds.* R. W. H.
Butler, Edna Beatrice,	*Springvale.* W. H.
Channell, Helen Viette,	*Lewiston.* 79 Webster Street.
Collins, Irving Mahlon,	*South Danville, N. H.* 21 P. H.
Conner, Edwin Solon,	*Castine.* 37 P. H.
Corson, Linwood Ernest,	*Skowhegan.* 83 Elm Street.
Coy, Lewis Harold,	*North Bradford.* 39 P. H.
Cummings, Harold Neff,	*Auburn.* Court House, Auburn.
Davis, Clara Mae,	*Hancock, Mass.* W. H.
Davis, Irving Gilman,	*Empire.* 37 Cottage Street.
Day, Laura Brackett,	*Somersworth, N. H.* W. H.
Dodge, William Lamb,	*Waterville.* 39 P. H.
Dolloff, Annie Louise,	*New Sharon.* M. H.
Doyle, Fred Smith,	*Caribou.* 32 P. H.

Dunlap, James Albion,	*Bowdoinham.* 411 Main Street.
Dwinal, Zelma Merwyn,	*Mechanic Falls.* 20 Highland Avenue, Auburn.
Farrar, Leo Woodbury,	*Paris.* 83 Elm Street.
Fisher, Walter Leslie,	*Lewiston.* 500 Main Street.
Fogg, Ina Alexander,	*Gray.* F. H.
Foster, Arthur,	*Weld.*
Foster, Ethel May,	*Cumberland Mills.* W. H.
French, Arthur Ford,	*Auburn.* 25 Parker Street, Auburn
Gauthier, Eugene Robert,	*Jefferson, N. H.* 349 College Street·
Giles, Mervin Shepard,	*Rochester, N. H.* 237 Oak Street.
Hamblen, Florence Ella,	*Gorham.* 44 Cottage Street
Harradon, Harry Durward,	*East Auburn.* East Auburn.
Heminway, Robert Lynn,	*Lincoln, N. Y.* 230 Main Street.
Holbrook, Charles Stewart,	*Shelburne Falls, Mass.* 133 College Street·
Holman, Carl,	*South Carthage.* 45 P. H.
Jackson, Frank W.,	*Wiscasset.*
Jackson, Leander,	*Morrill.* 37 Cottage Street.

James, Warren William,	*Jefferson, N. H.* 349 College Street.
Johnson, Albert Garfield,	*South Turner.* 44 P. H.
Jordan, Wayne Clark,	*Lewiston.* 24 Frye Street.
Kabatchnick, Goldie Irene,	*New Auburn.* 53 Mill Street.
Kendall, Ralph Leander,	*Orrington.* 34 P. H.
Keirstead, William Oded,	*Hoyt Station, N. B.* 33 R. W. H.
King, Ethel Florence,	*Lewiston.* 700 Main Street.
Knight, Edith May,	*Richmond.* W. H.
Lewis, Albion Bayard,	*Springfield.*
Libbey, Alla Amantha,	*Lewiston.* 128 Sabattus Street.
Mahony, Daniel Joseph,	*Rochester, N. H.* 237 Oak Street
Mason, Forest Lionell,	*Mechanic Falls.*
Merrill, John Clifford,	*Anson.* 47 P. H.
Nichols, Herbert Leon,	*So. Framingham, Mass.* 50 P. H.
Nutter, Lena Belle,	*Lewiston.* 151 Nichols Street.
Osgood, Lillian May,	*Franklin, N. H.* F. H.
Paine, Leon Gilman,	*Standish.* 15 P. H.

Palmer, George Washington,	*Somersworth, N. H.* 14 P. H.
Park, Ethel May,	*Lyndon Center, Vt.* W. H.
Pease, Jessie Maude,	*Anson.* F. H.
Peavey, Simon Fillmore, Jr.,	*Wakefield, Mass.* 23 P. H.
Phillips, Charles Lewis,	*Lewiston.* 159 Pine Street.
Pratt, Grace Whitman,	*Lewiston.* 270 Bates Street.
Pulsifer, Florence Pearle,	*Auburn.* 1 Gamage Avenue, Auburn.
Purinton, Angie Emily,	*Bowdoinham.* C. H.
Rand, Alice Pray,	*Lewiston.* 28 Frye Street.
Rand, Everett Leroy,	*Lisbon Center.* Lisbon Center.
Redden, William Rufus,	*Dorchester, Mass.* 26 P. H.
Reed, Allen Judkins,	*Frye.* 31 P. H.
Reed, Martha Sanders,	*Mexico.* 17 Frye Street.
Rich, Florence Estelle,	*Roxbury, Mass.* M. H.
Richards, Annie Gilmore,	*North Yarmouth.* F. H.
Robinson, Edna Jeanette,	*Otisfield.* F. H.
Robinson, John Evans,	*Fall River, Mass.* 226 Oak Street.
Salley, Ashmun Clark,	*Lewiston.* 14 Mountain Avenue.
Shaw, Dora Drake,	*Houlton.* M. H.

Shaw, Mabel Vivian,	*Bethel.* F. H.
Sheehan, Bessie May,	*North Gray.* 347 Main Street.
Small, Lillian Maude,	*N. Pownal.* W. H.
Spear, Gladys Burgess,	*Lewiston.* 10 Mountain Avenue.
Spooner, Elizabeth Chandler,	*Auburn.* 2 Union Street, Auburn.
Stearns, Maude Antoinette,	*Auburn.* 22 Drummond Street, Auburn.
Stevens, Harold Wentworth,	*Saco* 349 College Street.
Steward, Charles Palmer,	*Phillips.* 28 P. H.
Tenney, Miriam,	*Auburn.* 49 Elm Street, Auburn.
Thurston, Frank Hale,	*Smithton.* 28 P. H.
Thurston, Fred Lovejoy,	*Smithton.* 47 P. H.
Verrill, Elmer Russell,	*Wayne.* 10 P. H.
Watkins, Louisa Alcott,	*South Casco.* W. H.
Wells, Charles Albert,	*North Bridgton.* 10 P. H.
Weston, Annie Ray,	*Harrison.* W. H.
Wiggin, Howard Alpheus,	*North Baldwin.* 96 Elm Street.
Williams, Leon Nathaniel,	*Bowdoinham.* 45 P. H.

Wood, William,	*Sabattus.*	Sabattus.
Wormell, Lula May Newton,	*Lubec.*	W. H.
Wyman, Alice Etta,	*Auburn.*	F. H.
Yeaton, Winifred Ellen,	*Berwick.*	W. H.
Young, Elvena,	*Gonic, N. H.*	W. H.
Young, Myrtle,	*Gonic, N. H.*	W. H.

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FRESHMAN CLASS.

NAME.	RESIDENCE.	ROOM.
Adams, John Howard,	*Lewiston.*	190 College Street.
Aldrich, Guy Von,	*Lewiston.*	363 Main Street.
Bickford, Erna Eliza Greta,	*Auburn.*	38 Dennison Street, Auburn.
Bickford, Maud Barbara,	*Auburn.*	38 Dennison Street, Auburn.
Boak, Edward Kendrick,	*Portland.*	203 College Street.
Bower, George Allen,	*Auburn.*	63 Western Promenade, Auburn.
Bowman, Herbert Emmanuel,	*Vinalhaven.*	42 P. H.
Bray, Florence Knight,	*Whitefield, N. H.*	5 W. H.
Burns, Louise Hawthorne,	*Westbrook.*	3 C. H.
Carter, Urban Edwin,	*North Jay.*	414 Main Street.
Caswell, Frank Perley,	*New Sharon.*	28 P. H.
Chase, Caroline Wood,	*Lewiston.*	16 Frye Street.
Childs, Marie Augusta,	*Rumford Falls.*	173 Wood Street.
Churchill, Alice Walker,	*Brunswick.*	247 College Street.

Clark, Amie Florence,	*Gray.* 3 W. H.
Clason, Julia Trott,	*Gardiner.* 3 C. H.
Clifford, Edward Larrabee,	*Dexter.* 40 Mountain Avenue.
Clifford, Marguerite Abbott,	*South Portland.* 6 W. H.
Cochrane, Edwin John,	*Utica, N. Y.* 10 P. H.
Colson, Ephraim Perry,	*Rockland.* 96 Elm Street.
Cook, Arthur G.,	*Presque Isle.*
Cornelison, Ludlow Russell,	*Houlton.* 41 S. H.
Corson, David Herman,	*Skowhegan.* 36 S. H.
Crane, Mary Alice,	*Whiting.* 1 F. H.
Davis, Emily Christina,	*Rochester, N. H.* 5 W. H.
Davis, Ethel Johnson,	*Portsmouth, N. H.* 7 C. H.
Davis, Harlow Morrell,	*Augusta.* 11 P. H.
Denham, Edna Alice,	*Bowdoinham.* 6 C. H.
Dixon, Thomas Libby,	*Wilton.* 414 Main Street.
Donnell, Nellie Maude,	*Lewiston.* 79 Elm Street.
Donovan, Joseph Aloysius,	*Houlton.* 384 Main Street.

Doughty, Florence Ada,	*South Portland.* 6 W. H.
Edgerly, William Freeman,	*New Hampton, N. H.* 83 Elm Street.
Farnham, Louis Bending,	*Orland.* 37 Cottage Street.
Files, Marian Edna,	*Lewiston.* 161 Wood Street.
Foss, George Lathrop,	*Auburn.* 90 Pleasant Street, Auburn.
Foster, Arthur,	*Weld.* 36 S. H.
Foster, Eugene,	*Dry Mills, Gray.* 9 P. H.
Foster, Eugene Stuart,	*Burnham.* 17 Frye Street.
Freese, Earl Percy,	*East Dedham, Mass.* 56 P. H.
French, Maude Belle,	*Auburn.* 61 Dennison Street, Auburn.
Frost, Harold Ionel,	*Lewiston.* 247 College Street.
Goggin, Emma Louise,	*Sabattus.* Sabattus.
Harrington, Clarence Dunn,	*Whitefield, N. H.* 203 College Street.
Hillman, Sarah Alice,	*Hardwick, Mass.* 1 C. H.
Holmes, Jerome Crane,	*Lincoln.* 237 Oak Street.
Hopkins, Ruby Estella,	*Providence, R. I.* 99 College Street.
Houston, Ruby Inez,	*Rochester, N. H.* 5 W. H.

Hoyt, Guy William,	*Pittsfield, N. H.* 237 Oak Street.
Hussey, John Fred,	*Augusta.* 11 P. H.
Irish, Gertrude Hall,	*Auburn.* 121 High Street, Auburn.
Jackson, Frank Ward,	*Wiscasset.* 19 P. H.
Jackson, Ruel Hanscom,	*Fall River, Mass.* 46 P. H.
Keist, Mabel Beatrice,	*Auburn.* 15 Temple Street, Auburn.
Kelley, Fred Grant,	*West Lubec.* 115 Wood Street.
Kenney, Charles Edmund,	*Foxcroft.* 83 Elm Street.
Kincaid, John Everett,	*Lewiston.* 497 Main Street.
Knight, Marion Frances,	*Rockland.* 2 F. H.
Lamb, Florence Edith,	*Spencer, Mass.* 3 F. H.
Lanphear, Anna Story,	*New Dorchester, Mass.* 1 M. H.
Latham, Lillian Lawrence,	*Pownal.* 3 F. H.
Lewis, Bertha Emma,	*Farmingdale.* 2 C. H.
Lubee, Harold Scott,	*North Gorham.* 8 Vale Street.
Mabie, Charles Hill Roe,	*Dorchester, Mass.* 25 P. H.
McAllister, Milton Vosmus,	*South Paris.* 203 College Street.

McIntyre, Joseph Henry,	*Whitefield, N. H.* 203 College Street.
Manson, Georgia Alice,	*Oakland.* 380 Main Street.
Maxwell, Angie Winnefred,	*Sabattus.* Sabattus.
Merrill, Lee Simons,	*Starks.* 52 P. H.
Merrill, Rena Maude,	*Gardiner.* 2 C. H.
Mitchell, Beulah,	*Lubec.* 13 W. H.
Morrill, True Clifford,	*Gray.* 39 P. H.
Morse, Abbie Luella,	*Auburn.* 108 Court Street, Auburn.
Morse, Ernest James,	*St. Johnsbury, Vt.* 10 Frye Street.
Parker, Cora Belle,	*Spencer, Mass.* 3 F. H.
Pattangall, Katharine Jean,	*Pembroke.* 7 C. H.
Pendleton, John Scott,	*Northport.* 56 P. H.
Pierce, James Franklin,	*Windsor, N. C.* 41 S. H.
Plummer, Frank Henry,	*Charlestown, Mass.* 108 Nichols Street.
Porter, Mabel Maud,	*Eustis.* 1 M. H.
Prock, Granville Albert,	*Lincolnville.* 36 S. H.
Pulsifer, Harriet Chase,	*Auburn.* 173 Cook Street, Auburn.

QUINBY, ALICE ROSE, *Westbrook.*
326 Main Street.

RAMSDELL, SHERMAN RODMAN, *West Lubec.*
115 Wood Street.

RANKIN, PERCY H., *Wells Depot, Wells.*
37 Cottage Street.

RICH, NATHAN HAROLD, *Charleston.*
237 Oak Street.

RING, ELIZABETH MABELLE, *Auburn.*
14 Barker Street, Auburn.

ROBINSON, FRANCES ESTELLE, *Lewiston.*
126 Russell Street.

DEROCHEMONT, FANNIE GERALDINE, *Newington, N. H.*
1 C. H.

ROCHFORD, FRANCIS JOSEPH, *Newton Lower Falls, Mass.*
8 Vale Street.

ROGERS, FRANK LESTON, *Chatham, Mass.*
218 College Street.

ROYS, JUNE AUGUSTA, *Waterbury Centre, Vt.*
71 Wellman Street.

SANDERSON, JOSEPHINE ANGELINE, *East Waterford.*
13 W. H.

SULLIVAN, WALTER EDWARD, *Houlton.*
85 Nichols Street.

SYMONDS, ARTHUR GEORGE, *Hopkinton, N. H.*
47 P. H.

THOMAS, CHARLES FRANCIS, JR., *Caribou.*
32 P. H.

WALSH, ANNA FLEMING, *Lewiston.*
51 Knox Street.

WARE, AMY ESTELL, *Bangor.*
2 M. H.

Weed, Muriel Arline,	*Auburn.* 29 Goff Street, Auburn.
White, Dorrance Stinchfield,	*New Hampton, N. H.* 83 Elm Street.
Whittum, William Henry,	*Lewiston.* 250 College Street.
Wight, Lawrence Norman,	*Gorham, N. H.* 37 Cottage Street.
Willard, Emily Rosamond,	*South Portland.* 4 W. H.
Williams, Lottie Mae,	*Wells.* 1 C. H.
Williams, Retta Mabel,	*Sabattus.* Sabattus.

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SUMMARY.

Senior Class,	67
Junior Class,	63
Sophomore Class,	107
Freshman Class,	105
Total,	342

H. H., . . Hathorn Hall.
P. H., . . Parker Hall.
R. W. H., . Roger Williams Hall.
S. H., . . Science Hall.
C. H., . . Cheney House.
M. H., . . Milliken House.
W. H., . Whittier House.
F. H., . . Frisbee House.

GRADUATES OF 1903.

Bailey, Lowell Ernest
Bartlett, Grace Etta
Beedy, Carroll Linwood
Brown, Robert Alpheus
Bucknam, Nathan Carlton
Clark, Anna Louise
Coolidge, Charles Wilson
Cornforth, Edna
Cumner, Guy
Donham, Hazel
Everett, Phillip Revere
Fisher, Olive Grace
Freeman, Lucy Louise
Hicks, Charles Ernest
Higgins, Everett Clifton
Howes, Allison Prince
Hunt, Ralph Leslie
Jennings, Hulbert Randall
Jordan, Clarence Lorine
Jordan, Theresa Ella
Junkins, John Chester
Kelley, Howard Clinton
Kendrick, Katherine Howe
Kendrick, Susie May
Keyes, William Wheeler
Lord, Norris Samuel
Lord, Harriet Belle
Lothrop, Theodore Aubrey
Manual, Ida Mae
Maerz, Alexander
Miller, Frances Augusta
Nichols, Roger William
Norton, Lillian Alice
Pingree, Clara Bearce
Piper, John Obed
Pray, James Edwin
Prince, Nellie Louise
Purinton, Emery Healy
Putnam, Vivian Bowen
Ramsdell, George Edwin
Roys, Edville Adalas
Sanderson, Burton Willard
Sawyer, Carl Dore
Sharp, Alberta Eleanor
Smith, Linneon Rose
Staples, Amy Metcalf
Stebbins, George Edwin
Stone, Fred Linwood
Stratton, Bertha Mae
Tasker, Marion Emma
Thayer, Harold Hamilton
Towle, Jeanne May
Towne, Harry Merritt
Tozier, Delmont
Trufant, Lester Hall
Wardwell, Leon Alta
Williams, Clara Horton
Witham, Raymond Lee

FACULTY OF COBB DIVINITY SCHOOL.

GEORGE COLBY CHASE, D.D., LL.D., PRESIDENT.

*REV. JOHN FULLONTON, D.D.,
Professor Emeritus of Ecclesiastical History and Pastoral Theology.

REV. JAMES ALBERT HOWE, D.D., DEAN,
Professor of Systematic Theology and Homiletics.

REV. ALFRED WILLIAMS ANTHONY, D.D., SEC'Y,
Fullonton Professor of New Testament Exegesis and Criticism.

REV. BENJAMIN FRANCIS HAYES, D.D.,
Professor of Apologetics and Pastoral Theology.

REV. HERBERT RONELLE PURINTON, A.M.,
Professor in Hebrew and Ecclesiastical History.

REV. ASHMUN T. SALLEY, D.D.,
Instructor in Church History.

GROSVENOR M. ROBINSON,
Instructor in Elocution.

*Deceased.

The Bulletin of Bates College is published by the College four times a year.

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...nd Series, No. 1

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Bulletin
of
Bates College

Bates College

1904-1905

Lewiston, Maine, December 1, 1904.

BATES COLLEGE

LEWISTON, MAINE.

1904-1905.

LEWISTON, ME.:
PRINTED AT THE JOURNAL OFFICE.
1904.

CALENDAR-1905

JANUARY.

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FEBRUARY.

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JANUARY.

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JUNE.

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Calendar.

1904.

Sept. 13—Fall Term begins, ... Tuesday.
Oct. 15—Tuition due.
Nov. 24—Thanksgiving Day, Holiday, . . . Thursday.
Dec. 6—Examinations begin, ... Tuesday.
Dec. 9—Fall Term closes, ... Friday.

1905.

Jan. 10—Spring Term begins, ... Tuesday.
Jan. 26—Day of Prayer for Colleges, . . . Thursday.
Feb. 22—Holiday, ... Wednesday.
March 1—Tuition due.
Feb. 28–March 13—Freshman Preliminary Declamations, 2 P.M.
Prize Division, ... 2 P.M.
March 14–24—Sophomore Debates, ... 2 P.M.
March 28—Examinations begin, ... Tuesday.
March 31—Spring Term closes, ... Friday.
March 31—Senior Exhibition, ... Friday, 7.45 P.M.
April 11—Summer Term begins, ... Tuesday.
May 1—Tuition due.
May 30—Memorial Day, Holiday, ... Tuesday.
June 21–24—Examination of the College Classes,
Wednesday–Saturday.
June 25—Baccalaureate Exercises. . . Sunday, 10.30 A.M.
June 25—Sermon before the College Christian Associations,
Sunday, 7.45 P.M.
June 26—Sophomore Prize Debate, . . Monday, 2.30 P.M.
June 26—Junior Exhibition, . . . Monday, 7.45 P.M.
June 27—Annual Meeting of the Alumni, . Tuesday, P.M.
June 27—Class Day Exercises, . . . Tuesday, 2.30 P.M.
June 27—Concert, ... Tuesday, 7.45 P.M.
June 28—Examination for Admission to College, Wednesday, 9 A.M.
June 28—Annual Meeting of the Corporation, Wednesday, 9 A.M.
June 28—Reception to Graduates by Members of the Faculty,
Wednesday, 2 to 5 P.M.
June 28—Literary Exercises of the Alumni, Wednesday, 7.45 P.M.
June 29—Commencement, ... Thursday, 10 A.M.
June 29—Band Concert and Illumination of Campus,
Thursday, 8 to 10 P.M.
June 30—President's Reception to the Graduating Class,
Friday, 8 P.M.
Sept. 11—Examination for Admission to College, Monday, 2 P.M.
Sept 12—Fall Term begins, ... Tuesday.
Oct. 15—Tuition due.
Oct. 23—Sophomore Preliminary Declamations, . . 2 P.M.
Oct. 30—Prize Division, ... 2 P.M.
Dec. 8—Fall Term closes, ... Friday.

General Information.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining states, parents eager to secure a good education for their children. The Lewiston High School, and the Edward Little High School of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours

distant from Boston, and are accessible from all directions by means of three railways,—the Grand Trunk and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site of an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The College is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the College without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the College to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. Planted in a thrifty and frugal community, Bates is for a wide area the natural college home for students of limited means. The community, with its numerous industries, offers unusual opportunities for work; and college spirit and tradition make labor honorable. The Faculty of Bates find one of their highest pleasures in helping young men and young women to solve the problem of ways and means. Alone of New England colleges, Bates still encourages needy students to teach during a part of each year; and she does not find such teaching, under proper restrictions, harmful either to scholarship or character. During the last year Bates students have been engaged in more than sixty different kinds of employment. Seventy-one permanent scholarships of $1,000 each pay the annual tuition of as many deserving young men and young women. Students of ample, of moderate, and of limited means live and work together in absolute social equality. From its organization in 1863, the College has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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Terms of Admission.

The requirements for admission to the Freshman Class are as follows:

LATIN.

Six Books of Virgil's Æneid;
Four Books of Cæsar's Gallic War;
Six Orations of Cicero.

(Work in Ovid will be accepted instead of parts of the above.)

Thirty Exercises in Jones' Latin Composition, or an Equivalent;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight;
History and Geography.

GREEK.

Four Books of Xenophon's Anabasis;
Three Books of Homer's Iliad;
Twenty Exercises in Jones' Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
History and Geography.

Instead of the Greek, candidates may present the following work as conducted in the best preparatory schools, on the basis of five hours a week in each subject:

1. Three years of French.
2. Three years of German.
3. Two years of French and one year of German.
4. Two years of French and one year in any one of the following subjects: Physics, Chemistry, Biology, Advanced

Mathematics; or the additional year may be made up from any two of the following subjects: Greek History, English History, American History and Civil Government, Solid Geometry, Physiology.

MATHEMATICS.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.

2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH.

I. The writing of an essay upon some subject taken from one of the books named in II.

II. *Reading.* The candidate will be required to present evidence of a general knowledge of the subject-matter of the books read, and to answer simple questions on the lives of the authors. The books set for this part of the examination will be:

1905.—Shakespeare's Merchant of Venice and Julius Cæsar; The Sir Roger de Coverley Papers in The Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

1906, 1907, 1908.—Same as 1905.

III. *Study and Practice.*—This part of the examination presupposes the thorough study of each of the works named below. The candidates will be examined upon subject-matter, form, and structure. The books set for this part of the examination will be:

1905.—Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

1906, 1907, 1908.—Same as 1905.

Students admitted without Greek may begin the study of Greek in the Freshman year and go on to the regular courses in that language.

According to the "point" system the above requirements may be summarized as follows:

For admission to the Freshman Class, 26 points must be offered by the student: of these, required subjects count 19 points, and the remaining 7 may be selected from the optional subjects.

To count 2 points, a subject must be pursued for one school year, with five recitation periods a week.

REQUIRED SUBJECTS.

College Entrance English	Counts	4 points.
Latin	"	8 "
Algebra	"	4 "
Plane Geometry	"	2 "
Roman History	"	1 "

OPTIONAL SUBJECTS (7 POINTS).

(If Greek is not taken, French or German must be; and if Greek is chosen, Greek History must be taken also.)

(If Modern Languages are chosen, not less than 4 points will be accepted.)

Greek	Counts	6 points.
Each year of French	"	2 "
Each year of German	"	2 "
*Chemistry	"	2 "
*Physics	"	2 "
*Biology	"	2 "
Advanced Mathematics	"	2 "
Solid Geometry	"	1 "

*The work in the sciences must include certified note-books exhibiting the results of experimental work performed by the student.

Greek History	Counts	1	point.
English History	"	1	"
American History and Civil Government	"	1	"
Physiology	"	1	"

This outline is substantially as recommended by the Maine Association of Colleges and Preparatory Schools.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the college. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Certificates of regular dismission will be required from those who have been members of other colleges.

Students of good character, who are prepared to do college work, may be admitted to special courses under the direction of the Committee on Registration. All students who can do so are advised to matriculate for a degree, and no one will be allowed to use the privilege here offered for the purpose of securing a merely nominal connection with the college. Special students are subject to the same regulations regarding attendance and examinations as candidates for degrees, and must take fifteen hours of class-room work per week.

The regular examinations for admission to college take place on Wednesday preceding Commencement, and on Monday preceding the first day of the Fall Term.

Courses of Instruction.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive. All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY.

The courses in this department are as follows:

I. Christian Ethics. The aim of this course is to derive from the life and teachings of Christ the ideals and principles that are permanently applicable to human conduct, and to show their relations to the problems of individual character and of social progress presented in the life of to-day. The Bible and Stalker's "Life of Christ" are used as text-books. There is a constant endeavor to make the work practical. To this end, topics requiring special reading are assigned, essays and discussions are prescribed, and occasional talks and lectures are given. Freshman year, first term; one hour a week.

II. Psychology. James's "Briefer Course" as far as Chapter XI. An attempt is made to combine the methods of

the "New Psychology" with those of the "Old." Mental life is studied so far as possible in its relation to neural conditions. The nature and processes of the various orders of sensation are exemplified from every-day experiences. It is the constant aim to translate principles into facts; to explain abstractions by particular instances. Simple experiments for determining reaction time for the different senses are introduced. Each student selects from a prescribed list certain habits to form and carefully notes and records the results. The tests and examinations are given for the purpose of determining how far the knowledge gained can be applied. Junior year, third term; two hours a week.

III. Psychology. James's "Briefer Course" from Chapter XI. The text-book is supplemented by talks, informal lectures, and required reading. The student is encouraged to compare the authorities consulted with the conclusions that he derives from introspection; and an attempt is made, especially in the study of Attention, Association, Imagination, and Memory to discuss and compare differences in mental individuality. So far as practicable, Psychology is made to shed light on the problems of Education and to yield practical suggestions to teachers. In the consideration of the Instincts, the Emotions, and the Will, the work is conducted largely from the ethical as well as the pedagogical point of view. Senior year, first term; three hours per week.

IV. Logic. Special effort is made to elucidate the mental processes involved in the formation of Concepts, in Deductive Logic, and particularly in Induction and the Scientific Method. Attention is directed to the grounds of induction and the validity of knowledge and, as much as the time allows, to historic inquiry into the rise and relationship of the various schools of philosophic thought. Senior year, second term; five hours a week. Elective.

V. Ethics. The text-book is supplemented by lectures, discussions, and special reading. Ethics and Evolution are discussed in their relation to each other and are shown to be in harmony. The various Theories of Morals are reviewed, and Perfection, or the Good, is shown to be the true ideal. The Good and the Right are found to be only different aspects of the same principle; and both Self-Love and Altruism are shown to be as essential in Morality as in Evolution. The continuous purpose disclosed by Evolution necessitates belief in God and shows the dependence of Morality upon Religion. The moral Ideal proves to be the Christian Ideal, and the Kingdom of God the Kingdom of the Good and Right. Christianity is found to be the final outcome of Evolution in Religion. Senior year, third term; five hours a week. Elective.

GREEK.

1. Lysias. In connection with the orations of Lysias we study the methods of administration of justice at Athens in the time of Lysias; the events which led to the establishment in power of the Thirty Tyrants and to their overthrow; and the topography of Athens and the Peiræus.

Some time is spent in sight translation of Greek into English. Four hours; first term.

2. Herodotus and Thucydides. In connection with the study of Extracts from the Histories of these authors we become somewhat familiar with the history of the Persian Wars; with the history of the founding of the Athenian Empire; with the causes, the history and the results of the Peloponnesian War.

Some time is spent in translation at sight. Four hours; second term.

3. Demosthenes, Philippics or Olynthiacs. With the study of these orations we give attention to the life and times

of Demosthenes; to his career as an orator; and incidentally we compare his oratory with that of Cicero and modern orators. Three hours; third term.

Courses 1, 2, and 3 are required of all Freshmen who offer Greek for entrance.

4. Drama. In connection with the study of one of the Dramas of Æschylus or Sophocles we give much attention to the history of the Greek Drama; to the construction of the Greek Theatre; and to the teachings of the Greek Chorus. Four hours; second term. Elective for Sophomores.

5. Plato. The Apology of Socrates and portions of the Phædo or the Apology and Crito. In connection with the study of the Greek we give much attention to the life and times of Socrates; to the character of his teachings and to the genius of Plato; and incidentally we become acquainted with the other prominent disciples of Socrates. Four hours; third term. Elective for Sophomores.

The following courses in Greek are for those members of the Freshman Class who enter college with a preparation in French and German instead of Greek, and who wish to study Greek in the Freshman year. Suitable courses will be arranged for such students during their Sophomore year.

1, *a*. White's *First Greek Book*. Five hours; first term.

2, *a*. Continuation of Course 1 *a*, and the *Anabasis* begun. Five hours; second term.

3, *a*. The *Anabasis*. Five hours; third term.

LATIN.

Latin is offered throughout the four years, three hours a week, and is required of all Freshmen. The courses for Juniors and Seniors are given in alternate years, and are open to both classes.

I. Livy: Selections from Books XXI and XXII. Review of the syntax of the Latin verb and noun. First term.

2. Selections from Latin Poets. Ennius, Tibullus, Ovid, Phædrus, Seneca, Martial *(The Harvard Selections)*. Lectures on the history of Latin literature. Second term.

3. Horace: Odes and Epodes. Study of Horatian meters. Third term.

4. Cicero: *De Senectute* and *De Amicitia*, with special attention to style. Elective for Sophomores. First term.

5. Latin Comedy: *Menœchmi* of Plautus and *Phormio* of Terence. Lectures on the relation of the Latin to the Greek comedy. Elective for Sophomores. Second term.

6. Latin composition. Translation into Latin of passages based on the *De Senectute* and the *De Amicitia*. Elective for Sophomores who have completed Course 5. Third term.

7. Juvenal: Selected Satires. Martial: Selected Epigrams. Roman private antiquities. Elective for Juniors and Seniors who have completed at least one elective course. First term. Omitted in 1904–05.

8. Tacitus: Annals, Books I–IV. Life of Tiberius. Elective for Juniors and Seniors who have completed at least two elective courses. Second term. Omitted in 1904–05.

9. Pliny the Younger: Selected Letters. Lectures on Roman provincial administration. Elective for Juniors and Seniors who have completed at least two elective courses. Third term. Omitted in 1904–05.

10. The Elegiac Poets of the Augustan Age. Tibullus, Propertius, and Ovid. Elective for Juniors and Seniors who have completed at least one elective course. First term.

11. Cicero: *Tusculan Disputations*, Book I, and *The Dream of Scipio*. Cicero as a student of philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Second Term.

12. Lucretius: *De Rerum Natura*. Brief outline of ancient philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Third term.

GERMAN.

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years, three hours per week.

The aim of the required work is the acquisition of a thorough knowledge of the fundamentals of German grammar and the ability to translate into good English fairly difficult German prose and poetry. The aim of the elective work is a sympathetic literary interpretation of all texts read, an introduction to the masterpieces of the German drama of the classical period, a general knowledge of the history of German literature and a comprehensive view of the tendencies in German literature since Goethe's death.

Careful drill in pronunciation and the intelligent reading of the German text is insisted upon. Some practice in conversation is given, and German is used in the class-room as far as is deemed advisable by the instructor. In the elective courses a large amount of collateral reading outside the class-room is expected. Advanced grammar and composition are not lost sight of throughout the course, although no specialty is made of these subjects after the first year.

1. Elementary Course. Grammar. Easy prose composition. Three hours; first term.

2. Elementary Course. Translation of easy German prose. Grammar. Prose composition. Three hours; second term.

3. Elementary course. Translation of German prose and poetry. Prose composition. Grammar. Three hours; third term.

(Courses 1, 2, and 3 required of all Sophomores who did not present German for entrance.)

4. German Literature of the Eighteenth Century. Lessing: *Minna von Barnhelm*, *Nathan der Weise*. Lectures on Les-

sing's life and works. History of German Literature from 1500 to 1748 in brief outline. Outside reading in Riehl.

(Elective for Juniors who have passed in German 1, 2, and 3.)

5. German Literature of the Eighteenth Century. Schiller: *Maria Stuart*, *Wilhelm Tell*. Lectures on Schiller's life and works. History of German Literature from the earliest times to 1050 in brief outline. Outside reading in Baumbach.

(Elective for Juniors who have passed in German 4.)

6. German Literature of the Eighteenth Century. Goethe: *Iphigenie auf Tauris*, *Goetz von Berlichingen*. Lectures on Goethe's life and works. History of German Literature from 1050 to 1500 in brief outline. Outside reading in Heyse.

(Elective for Juniors who have passed in German 5.)

7. Goethe: *Faust*. Part I and selected portions of Part II. In addition to a critical study of the text, special attention is given to the history of the *Faust* legend and the life of Goethe as reflected in the *Faust*. Outside reading in connection with the *Faust* theme.

(Elective for Seniors who have passed in German 6.)

8. German Literature in the first half of the Nineteenth Century. Kleist: *Prinz Friedrich von Homburg*; Grillparzer: *Der Traum, ein Leben;* Heine: *Die Harzreise*, *Buch der Lieder*. Outside reading in Eichendorff and Storm.

(Elective for Seniors who have passed in German 6.)

9. German Literature in the second half of the Nineteenth Century. Selections from the works of Fulda, Wildenbruch, Sudermann, and Hauptmann. Outside reading in Keller.

(Elective for Seniors who have passed in German 6.)

10. German Seminary. Special work with advanced students. *The Storm and Stress Period* in German Literature.

ROMANCE LANGUAGES.

FRENCH.

The aim of the required courses in French is to give the student a thorough drill in grammar and pronunciation, facility in translation of easy prose, some knowledge of composition, and the power to express himself intelligibly on familiar subjects in the spoken French language. The texts for reading have been selected from the works of the best modern writers. Freshmen entering with one or more years of French will be required to do the advanced work indicated instead of Courses 1, 2, and 3.

The elective work has been arranged with a view to meeting the requirements of students who desire a literary as well as a linguistic knowledge of French. The growth and development of French literature through the seventeenth, eighteenth, and nineteenth centuries will be shown from the works read and criticized, and from the discussion of special topics introduced at suitable points; while linguistic studies will be continued throughout the elective courses by means of progressive exercises in composition including conversation, dictation, memorizing of fables, anecdotes and poems, study of idioms and special grammatical subjects. Careful attention will be given to the study of the life and times of the authors read, as well as to the rise and growth of various literary and political institutions of France. At least one hundred fifty pages from French texts, as home reading, will be required with each elective course, and not less than two tests will be given on such texts, each term. These courses are sequential; and while they may be dropped at any point, they may not be resumed when once abandoned, since each course involves a knowledge of those preceding. In the Senior year a prize of ten dollars is offered for the greatest number of pages, from selected French texts, read at home and properly reported upon.

The course in history of French literature includes a historical study of the language, showing the relations of classical and popular Latin to modern French; a careful survey of the first and second Romantic periods; a brief review of early humanism; investigation of the origin of the Renaissance; discussion of the French Revolution with reference to literature, and many other special topics of like importance.

1. Fraser and Squair's grammar, with exercises in dictation, conversation, and composition. Required of all Freshmen having no knowledge of French. Two hours; first term.

1. *a*. Reading in class of Daudet's *Tartarin de Tarascon* and at home of a collection of short stories by the same author. Careful study of pronunciation, with dictation and memorization of anecdotes. Required of Freshmen who have had one year of French. Two hours; first term.

1. *b*. Reading of Lamartine's *Jeanne d'Arc* in class and of Saintine's *Picciola* at home. Exercises in dictation and memorization. Required of Freshmen who have had two years of French. Two hours; first term.

1. *c*. Reading in class from Balzac and at home of Feuillet's *Jeune Homme Pauvre*. Exercises in dictation and memorization. Required of Freshmen who have had three years of French. Two hours; first term.

2. Continuation of Course 1, with reading in class of *Le Conscrit de 1813*, and at home of Bruno's *Tour de la France*. Required of all Freshmen who have completed Course 1. Three hours; second term. For additional Freshman course, see Course 4.

3. Continuation of Course 2, with class reading of *Madame Thérèse* or *Waterloo*, and at home of selected short stories. Required of all Freshmen who have completed Course 2. Three hours; third term.

3. *a.* Reading of Hugo's *Notre-Dame de Paris.* Required of all Freshmen who had studied French before entering college. Three hours; third term.

4. Reading and criticism of seventeenth century writers: Corneille, *Le Cid*, *Cinna*, *Polyeucte.* Study of the life of Corneille and his relation to the Spanish drama. Elective for Sophomores who began French after entering college, and required of all Freshmen who had studied French before entering. Three hours; second term.

5. Continuation of study of seventeenth century writers: Racine, *Esther*, *Athalie*, *Iphigénie*, *Andromaque;* Madame Sévigné, selected letters. Study of Boileau and the salons. Elective for Sophomores who have completed Course 4. Three hours; third term.

6. Reading in class-room of Molière's *L'Avare*, *Les Précieuses Ridicules*, *Les Femmes Savantes*, *Le Bourgeois Gentilhomme*, *Tartuffe.* Special study of the Age of Louis XIV, and the Hôtel de Rambouillet. Weekly reports on collateral reading from French texts. Elective for Juniors who have completed Course 5. Three hours; first term.

7. Reading in class-room of selected works of Voltaire, Marivaux, Beaumarchais, and Bernardin de St. Pierre. Special study of the social and religious conditions in France during the eighteenth century. Weekly reports on collateral reading assigned from Rousseau's *Emile.* Elective for Juniors who have completed Course 6. Three hours; second term.

8. Study of nineteenth century authors: Chateaubriand, *Atala*, *René;* Lamartine, selections from the *Méditations*, *Graziella;* De Musset, selected lyrics and dramas. Reading of Carlyle's *French Revolution.* Reports on collateral reading from French texts. Elective for Juniors who have completed Course 7. Three hours; third term.

9. Study of Hugo: *Hernani*, *Ruy Blas*, selections from the novels and lyrics. Reading of Pellissier's *Literary Movement in France during the Nineteenth Century*, and Hugo's life. Elective for Seniors who have completed Course 8. Three hours; first term.

10. Reading in class-room of selections from Sainte-Beuve's *Causeries du Lundi* and from Madame de Staël and George Sand. Study of the history of the French Academy and of La Comédie Française. Reports on collateral reading. Review of the grammar with reference to teaching. Elective for Seniors who have completed Course 9. Three hours; second term.

11. Selected dramas of Coppée, Sardou, Rostand. Selections from Pierre Loti, Daudet, for sight reading. Review of grammar continued. Elective for Seniors who have completed Course 10. Three hours; third term.

12. History of French literature, with readings from best writers and lectures on special topics. This is largely a library course. Open to Juniors and Seniors two hours per week, three terms, alternate years.

ITALIAN.

Students electing Italian will be required to continue the subject throughout the year.

1. Grandgent's Italian grammar and Bowen's Italian reader. Exercises in dictation, conversation, and composition. Elective for Juniors and Seniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, and composition from Grandgent's text. Reading in class of Testa's *L'Oro e L'Orpello* and Goldoni's *La Locandiera*, and at home of De Amicis'

Cuore. Dictation and conversation. Elective for Juniors and Seniors who have completed Course 1. Three hours; second term.

3. Goldoni's *Il Vero Amico*, selections from Manzoni's *I Promessi Sposi;* first, second, and third cantos of Dante's *Inferno*. Elective for Juniors and Seniors who have completed Course 2. Three hours; third term.

SPANISH.

Students electing Spanish will be required to continue the subject throughout the year.

1. Ramsey's Spanish grammar and reader. Exercises in dictation, conversation, and composition. Elective for Juniors and Seniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, composition, and conversation. Reading in class-room of Padre Isla's translation of Lesage's *Gil Blas*, and Caballero's *La Familia de Alvareda*. Home reading: Fontaine's *Cuentos Escogidos*, Vega's *El Indiano*, Valera's *El Pájaro Verde*. Elective for Juniors and Seniors who have completed Course 1. Three hours; second term.

3. Continuation of grammar, composition, and dictation. Reading in class-room of Alarcón's *El Capitán Veneno* and selections from *Don Quijote*. Home reading: Alarcón's *El Final de Norma* and Galdós' *Marianela*. Elective for Juniors and Seniors who have completed Course 2. Three hours; third term.

ENGLISH.

1. Rhetoric and Composition. The thorough study of Hill's "Principles of Rhetoric;" the writing of weekly themes

on assigned and elective topics; the systematic study of the Principles of Composition parallel with the written work of the class. Required reading of at least one standard prose work.

Three hours; first term.

2. Composition. Continuation of Course I. Study of the Elements and Qualities of Style; exercises demanding an application of the knowledge gained. Practice in Exposition. Required reading.

Three hours; second term.

(Courses 1 and 2 are required of all Freshmen.)

3. Composition. Practice in Description, Narration, and Criticism. Required reading of selections from different authors. The purpose of Course 3 is to teach the students, not only to write better, but also to perceive and appreciate the distinguishing qualities of the best books.

Three hours; first term.

4. Argumentation. The study of Argumentation and Debating; text-book, G. P. Baker's "Principles of Argumentation." Required reading of masterpieces. Brief-drawing. The preparation and delivery of debates.

Three hours; second term.

(Courses 3 and 4 are required of all Sophomores.)

5. Advanced Composition. The work ls adapted, so far as practicable, to the needs and tastes of each student.

Three hours; third term.

Note.—All written work in Courses 1 to 5 is corrected and returned to the writer with criticism and suggestions. Every student is required to meet the instructor at stated hours for conference. Hours are also set apart for voluntary conference.

6. The drama. Lectures on the origin and development of the drama, and its history from Æschylus to Shakespeare.

Critical study of selected plays of Shakespeare, with required reading of other works of the Elizabethan age. Outline History of English Literature, one hour each week.

Five hours; first term.

(Required of all Juniors.)

7. Literature of the Seventeenth and Eighteenth Centuries. Critical study of selected works of prose and poetry, with lectures on the literary history and biography of the period. Required reading of other works, with research in the Library; reports, abstracts, and discussions in class.

Four hours; second term.

8. Literature of the Eighteenth and Nineteenth Centuries. Critical study of selected works, with lectures. Required reading of other works, and investigation of special topics.

Four hours; third term.

9. Lectures on literary criticism, with special reference to fiction. Reading of selected works of the Nineteenth Century. Investigation of topics in literary history and criticism.

Four hours; first term.

10. History of the English Language. (First six weeks.) Critical study of Chaucer: Prologue to The Canterbury Tales, and two of the Tales. Topical study of English history in the time of Chaucer. (Last six weeks.)

Four hours; second term.

11. English Literature of the Nineteenth Century. Seminary. Special study of Tennyson and Browning.

Four hours; third term.

(Courses 7 to 11, inclusive, are elective for Juniors and Seniors.)

SOPHOMORE PRIZE DEBATES.

Preliminary Debates.—All Sophomores are required to take part in these debates, the subjects of which are announced

in the first term of Freshman year. A prize for excellence in debate is awarded in each division of the class.

Second term.

Champion Prize Debate.—The speakers presenting the best arguments in the Preliminary Debates compete in the Champion Prize Debate, held during Commencement week; all other Sophomores present Essays on a prescribed subject, in competition for a prize.

Third term.

REQUIRED COMPOSITION WORK OF JUNIOR AND SENIOR YEARS.

This work, in continuation of that done in Courses 1 to 5, is required of all members of the Junior and Senior classes, whether they elect English or not. An essay is presented in each term as follows:

6[1]. Essays based on the study of masterpieces of Exposition or Persuasion.

Junior year, first term.

7[1]. Theses on subjects requiring extended investigation.

Junior year, second term.

8[1]. Original declamations on assigned subjects. Each member of the Class reads his declamation before a committee, by whom the best twelve are selected for delivery in a prize contest during Commencement week.

Junior year, third term.

9[1]. Essays in criticism of some classic in English or American fiction.

Senior year, first term.

10[1]. Original Parts for the Senior Exhibition. Each student reads his part before a committee, who choose twelve to speak in the Exhibition.

Senior year, second term.

11[1]. Commencement Parts. Every member of the class writes a part, but the Commencement speakers are chosen on the basis of scholarship.

Senior year, third term.

MATHEMATICS.

1. Algebra. Ratio and proportion, variation, series, binomial theorem, undetermined coefficients, logarithms, permutations and combinations, probability, continued fractions, theory of equations, graphic algebra. (Well's College Algebra.) First term; four hours each week.

2. Geometry. Solid geometry, which includes polyhedral angles, the various solids bounded by planes, the cone, the cylinder, and the sphere. This course includes a large amount of original work in demonstration and computation. (Phillips and Fisher.) Second term; four hours each week.

3. Trigonometry. Plain and spherical Trigonometry, with problems and applications. (Wells.) Third term; four hours each week.

(Courses 1, 2, and 3 are required of all Freshmen. A brief elective course is given in elementary surveying, largely by lectures.)

4. Plain Analytical Geometry. (Tanner and Allen.) First term; three hours each week.

5. Plane Analytical Geometry, including Higher Plane Curves, completed. Four weeks of second term; three hours each week.

5[1]. Analytical Geometry of three dimensions (Tanner and Allen). Last eight weeks of second term; three hours each week.

6. Differential Calculus with applications (Taylor). Third term; three hours each week.

(Courses 4, 5, 5[1], and 6, are elective for Sophomores, or any others who may have taken Courses 1, 2, and 3.)

7. Differential Calculus completed. First term; two hours each week.

8. Integral Calculus, with applications (Taylor.) Second term; two hours each week.

9. Integral Calculus completed. Third term; two hours each week.

(Courses 7, 8, and 9 are elective for Juniors, or any others who may have taken the previous courses.)

CHEMISTRY.

Work in this department includes recitations, lectures, and laboratory practice, and continues through the Sophomore, Junior, and Senior years. The study begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

1. Inorganic Chemistry, the non-metals. This course is devoted to the elementary principles of the science. It deals with the nature and properties of a few common elements and the application of the fundamental laws and theories concerning their combination. Recitations and experimental lectures. Three hours; second term.

2. General and Experimental Chemistry. A continuation of Course 1, dealing largely with the metallic elements and including a few of the more common carbon compounds. Recitations and lectures with laboratory work. Three periods; third term.

Courses 1 and 2 are required of Sophomores.

3. Qualitative Analysis. An inductive course of basic analysis, and the preparation of a variety of inorganic salts.

Three exercises (six hours); first term. Elective for all who have taken Courses 1 and 2.

4. A continuation of Course 3. Acid and blowpipe analysis, and the separation of a large number of mixed compounds.

Three exercises (six hours); second term. Elective for those who have taken Course 3.

5. Organic Chemistry. An introduction to the study of the compounds of carbon. The fatty series and benzol derivatives.

Three exercises (six hours); third term. Elective for Juniors.

6. Quantitative Analysis. Laboratory practice in the use of the methods of gravimetric and volumetric analysis; separation and estimation of metals, acids, and water of crystallization, with special work on ores, alloys, and mineral water.

Three exercises (six hours); first half of year. Elective for Seniors who have taken Courses 3 and 4.

7. General Organic Chemistry. Quantitative work. Lectures and Laboratory work.

Three exercises (six hours); second term. Elective for students who have taken Courses 5 and 6.

8. Physiological Chemistry. Lectures and Laboratory work.

Three exercises (six hours); third term. Elective for Seniors.

PHYSICS.

Physics is required of all Sophomores. It is elective to Juniors and Seniors.

1. Elementary mechanics. This is a general course involving only elementary mathematics. Lectures and recitations three hours. Sophomore required course, first term.

2. Heat, electricity, and magnetism. Lectures and recitations three hours. Sophomore required course, second term.

3. Sound and light. Lectures and recitations three hours. Sophomore required course, third term.

4. General laboratory work in mechanics and sound. This course is supplemented by lectures bearing on the laboratory work, and extending the student's knowledge by introducing him to the results of work and laboratory methods which he would be unable to test for himself. Each student is required to hand in a neat and comprehensive report of each experiment performed. Three hours, first term. Elective to Juniors.

5. Heat and light. Continuation of Course 4. Three hours, third term. Elective to Juniors.

6. Electricity and magnetism. This course is a continuation of Course 5. Three hours, second term. Elective to Juniors.

7. Introduction to mathematical Physics, including applications of the Calculus, to physical problems and introduction to the study of Differential Equations, particularly the equations of electricity and magnetism. Three hours, first term. Elective to Seniors.

8. Electricity and magnetism. Advanced theoretical and laboratory work. Three hours, second term. Elective to Seniors.

9. Physical manipulation. Elementary shop work, glass-blowing, care and handling of electrical machinery, etc. Three hours, third term. Elective to Seniors.

GEOLOGY.

1. Mineralogy. This course is intended to give a general survey of the whole subject of mineralogy. The endeavor is made to familiarize the student with all of the common min-

erals and rocks. In determinative mineralogy the student is taught the use of the blow-pipe and to identify minerals by their properties and by ordinary dry tests. Two hours, third term. Elective to Juniors.

2. Geology. Dynamical, Structural, and Historical Geology. Particular attention is paid to the geology of the region about Lewiston. Three hours, first term. Elective to Seniors.

The region affords rare facilities for study in both of the above courses, and several expeditions are required in each.

ASTRONOMY.

1. Astronomy begun. This course is a general descriptive course involving only elementary mathematics. Three hours, second term.

2. Astronomy completed. Two hours, third term.

These courses are elective to Seniors.

PHYSIOLOGY.

Instruction in this course is given by recitations, lectures, and laboratory demonstrations. The first few weeks of the course are spent in a careful histological study of the various tissues—including practical demonstrations with the microscope. In connection with the recitations upon physiological problems, lectures in hygiene are given. The practical usefulness of the course is greatly augmented through the use of the Bock-Stegers Anatomical Models of the heart, eye, ear, trunk, etc.; also by use of a human skeleton. As a text-book, Thornton's Human Physiology is used. This course is required for Freshmen who do not offer Greek for entrance, and is given during the first term, three hours; second term, three hours; third term, three hours.

BIOLOGY.

BOTANY.

1. Morphology, Physiology, and Ecology of Flowering Plants.

The method of instruction in this course consists of recitations upon the above subjects as they are developed by a study of the text-book, by lectures and in laboratory work, and also of a series of laboratory exercises, in which a careful study is made of the morphology of the various parts of the plant body. The seeds, roots, stems, leaves, flowers and fruit are taken up in succession; the structure and relation of these parts to the life processes of the plant are recorded in the laboratory note-book, by means of drawings and descriptive notes. Sufficient time is given to flower analysis so that each student has such practice as will make him familiar with the method of work. Considerable attention is given to field work.

The aim of this course is two-fold: (1) To give the student a general yet comprehensive knowledge of the life processes and structure of the flowering plants; and (2) to begin the training which is so essential to all scientific work—that of accurate observation.

Course 1 is given during the third term, three periods, and is required work for all.

2. Typical Course on the General Classification of the Plant Kingdom.

The work of this course comprises recitations, lectures, and laboratory exercises. A study is made of the principles upon which modern classification is based. Type specimens representing the various groups and sub-divisions of the vegetable kingdom are taken up and studied as to their distinctive characteristics, structure, etc., together with a consideration of the interelations of the groups.

In the laboratory the student studies and sketches most of the specimens taken up in recitation.

Field work constitutes an important part of this course. Weekly trips are taken into the surrounding country for the purpose of collecting and studying the plants in their natural environments. This field work is especially helpful in fixing in the student's mind the general classification of the plant kingdom.

It is the aim of the course to give the student a knowledge of what organisms the plant kingdom includes and how these same organisms are grouped in a general classification.

Course 2 is given during the third term, three periods, and is elective.

3. Cryptogamic Botany.

This is chiefly a laboratory course, combined with some lecture and recitation work. It is mainly a study of the morphology of cryptogamic plants, beginning with the lowest Thallophytes. The work requires the use of the compound microscope quite constantly, and the members of the class obtain thereby a practical knowledge of the simpler manipulations of the microscope and preparation of sections. Each student is required to offer for inspection twenty-five stained and permanent sections. Carefully kept note-books with drawings and descriptive notes are required throughout the course.

The two chief objects of the course are: (1) the acquiring of a knowledge of the morphology of the cryptogams; and (2) accurate observation and correct interpretation of the same. The course is given during the first term, three periods (six hours), and is elective.

ZOÖLOGY.

1. General Principles of Zoölogy.

Instruction in this course is given by recitations. Its aim is to teach the general principles of the subject. The course

follows chiefly the text of Hertwig's General Principles of Zoölogy; taking up the sub-divisions and history of the subject, the structure, development, and functions of cells, tissues, and organs, general embryology, etc.

The course is given during the first term, three hours. It is required work for students entering without Greek, but is elective for others. Course 1 should be taken by any who contemplate future work in the subject.

2. Morphology, Biology, and General Classification of the Animal Kingdom.

The work of this course is carried on by recitations, lectures, and laboratory exercises. One of the chief aims of the course is the outlining of the principal groups of the animal kingdom, together with the study of their Biology, and Morphology. The laboratory work is confined to representatives of the chief groups of invertebrates. Typical forms are studied microscopically or dissected, and careful drawings with descriptive notes must accompany the laboratory work.

The course is given during the second term, three periods (six hours), and is elective.

3. Comparative Anatomy of Vertebrates.

Instruction in this course is given chiefly by laboratory exercises, recitations, and lectures. Type representatives of the different groups of Vertebrata are very thoroughly dissected and studied in a comparative way, from the lower forms to the higher. All observations and records are kept by means of drawings and notes.

The course is intended especially for those who are particularly interested in Biological science, or who intend the future study of human anatomy and medicine.

Course 3 is given during the first term, three periods (six hours), and, in fact, the work of the course, as it is outlined in the above statement, extends throughout the year, including Courses 4 and 5. Course 3 is elective.

4. Comparative Anatomy of Vertebrates.

As given in the statement above, this course is merely a continuation of the same kind of work as begun in 3. Course 4 is given during the second term, three periods (six hours), and is elective.

5. Comparative Anatomy of Vertebrates.

As before stated this course continues the work of Courses 3 and 4. Course 5 is given during the third term, three periods (six hours), and is elective.

6. Microscopic Technique.

In this course instruction is given by lectures and laboratory work. A study is made of the parts and use of the compound microscope, together with laboratory work upon the more essential methods of investigation. This involves practical work upon an invertebrate animal, in some of the more important methods of fixing, hardening, dehydrating, staining, clearing, imbedding, sectioning, and mounting.

The course is given during the first and second terms, three periods (six hours), and is elective.

7. Histology.

The work is taken up by recitations, lectures, and laboratory exercises. The aim of the course is to teach the origin, development and structure of the more important animal tissues.

The course is given during the third term, three periods (six hours), is elective, but open only to those who have taken Courses 2, 3, 4, and 5.

ORNITHOLOGY.

1. Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the first term twelve lectures are given to the Freshman Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest list of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each.

2. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY.

1. History of Civilization from the Fall of Rome to the Renaissance. This course is designed to furnish a general outline of the development of European culture, keeping constantly in view the proper historical perspective, and attaching most importance to those events and institutions that have exerted a permanent influence upon European civilization. The institutions under which Europe has lived for many centuries, above all the Church, are discussed with considerable

fullness. Throughout this course the predominating point of view is that the life of the populace is more important than mere details of court intrigue. An effort is made to treat the life and work of a few men of indubitably first-rate importance in the various fields of human endeavor—Gregory the Great, Charlemagne, Abelard, St. Francis, Petrarch,—with a care proportionate to their significance for the world. Frequent essays, discussing some aspect of the periods under investigation, and maps prepared by the student, are required of each member of the class.

For Sophomores. Three hours. First term. Elective.

2. Modern European History, from Charles V to the Rise of the Third French Republic. This course is essentially a continuation of the course outlined above. Special attention, however, is given to the growth of democratic institutions, the spread of Protestantism, the economic development of England, the Napoleonic era, and the unification of Germany and Italy. The same methods are used as in Course I.

For Sophomores. Three hours. Second term. Elective.

3. American Colonial History. This course deals with the history of the American colonies from the period of discovery to the end of the Revolutionary War. American colonization is considered in the light of general colonization as a phase of history. Special attention is given, first, to the constitutional and institutional development of the English colonies and their growth toward independence and union, and secondly, to the struggle between France and England for mastery in the new world. The course terminates with a detailed study of the causes and consequences of the American Revolution.

Some effort is made in connection with this course, as well as Course 4, to familiarize the student with the best methods

of historical research. Collateral reading, map work, and written exercise are required.

For Sophomores. Three hours. Third term. Elective.

4. American National History. The political and social history of the United States from the Revolutionary War to the present time. The formation and dissolution of the Confederation of 1781; the framing of the federal constitution; the growth of the union; the rise and history of political parties; the influence of westward expansion, and of slavery, on political life; the origin and significance of the more important economic problems that have occupied the attention of the nation.

For Juniors. First term. Three hours. Elective.

SOCIOLOGY.

1. The Outlines of Sociology. A study of the elementary principles of human association and the development of the different forms of association. The principal topics under discussion will be the nature of social phenomena, the scope and method of sociology, the social mind, the processes of social development, the evolution of domestic, ceremonial, political, ecclesiastical, professional, and industrial institutions. The purpose of this course is to develop in the mind of the student the power to observe and analyze social facts, to enable him to trace these facts to the elementary social motives and forces, and to foster a spirit of social solidarity by establishing an ethical theory of social progress.

For Seniors. Three hours. Second term. Elective.

2. Practical Sociology. This course deals with the present-day problems of social life,—the treatment of defectives, dependents, and delinquents. Modern civilization has given rise to ethical, economic, and hygienic problems that

are peculiarly complex and are calling for solution. An effort is made in this course to acquaint the student with the nature of these problems and the solutions that have been proposed for them. The principal social problems under discussion will be Immigration, Pauperism, Charity Organization, Slums, Intemperance, and Criminality.

This course is not technical, but intended as a preparation for intelligent citizenship. Students will be encouraged to undertake sociological field-work, *i. e.*, the study of charitable and correctional institutions in this vicinity. The class will visit such institutions in groups, and an effort will be made to have specialists in social reform work lecture to the students from time to time.

For Seniors. Three hours. Third term. Elective.

POLITICAL SCIENCE.

The course in Political Science or Public Law is planned to familiarize the student with the theory and machinery of American government, our federal constitutional law as compared with that of the leading European nations, and the present tendencies in national and local government. An analytical and critical study of the United States Constitution constitutes part of the course, which terminates with an examination of the workings of political parties.

For Seniors. Three hours. First term. Elective.

ECONOMICS.

1. Principles of Political Economy. An introduction to the study of economic problems. Although this is essentially a course in economic theory, the student is led to observe critically and carefully the phenomena of every-day industrial life, and thus to remark those uniformities which are expressed by theoretical formulæ. He is familiarized with the nature of economic laws, the data of economic inquiry, the scope and

method of economic science, and equipped with a knowledge of its leading principles. He is furthermore, and above all, led to appreciate the complexity of practical economic problems; and with a view to acquainting him with the actual mechanism of modern industrial life, visits will be made by the class to factories, work-shops, and other industrial establishments.

Required of all Juniors. Three hours. Second term.

2. Economic Distribution and Consumption. A continuation of Course 1 in Economics. The course is devoted in part to a study of the economic problems of distribution and an examination of socialism, collectivism, nationalism, and the single tax theory. The last part of the course consists of a more detailed study of consumption than is usually given by most authorities on economics, and an endeavor is made to emphasize the ethical and sociological significance of this aspect of economic activity. Required of all Juniors. Three hours. Third term.

ELOCUTION.

FRESHMAN YEAR—SECOND TERM.

1. Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaneity; Freedom; Vocal Painting.

Vocal Training. Correct methods of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work one hour a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR—FIRST TERM.

2. Development of logical instinct. Emphasis; Inflection; Touch; Subordination. Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone. Class work one hour a week.

Prize Declamations, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR—THIRD TERM.

3. Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work one hour a week.

SENIOR YEAR—THIRD TERM—ELECTIVE.

4. Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work one hour a week.

Open to young women only.

5. Study of different forms of oratory. Work on extracts from each style, with training in gesture and attitude, as related to public speaking. Open to young men only.

Senior year. Third term. Elocution 4 and 5.

EDUCATION.

1. Introduction to educational theory. Lectures, class exercises, required reading, and discussion of educational principles. Weekly reports.

Three hours. Third term.

This course deals with the special aims and general method of elementary and of secondary education; educational values; the correlation of studies; child study; moral training; school

hygiene; the bearing of psychology and ethics on educational practice; bibliography. The course is intended as a guide to the further study of educational questions, and is given primarily for those who expect to teach.

2. The history of education. A general survey of education, training the historical development of modern schools and universities, with especial consideration of their ideals, methods, and organization. Required reading and weekly reports.

[Courses 1 and 2 are given in alternate years; course 2 is omitted in 1902-1903.]

HYGIENE AND PHYSICAL TRAINING.

HYGIENE.

Lectures on Human Anatomy, Physiology, and Personal Hygiene. The lectures on Anatomy and Physiology are given as a foundation for the lectures on Personal Hygiene. Required of Freshmen. Second term.

The Director of Physical Training gives each young man entering the Freshman Class a thorough physical examination during the first term of his attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry, in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

PHYSICAL TRAINING.

1. Class exercises: Military drill, setting-up exercises, and Indian-club swinging. Squad exercises (graded to suit the strength of each division): Basket-ball, indoor athletics, chest-weights, developing appliances, bar, rings, etc. From the first of November to first of April. Monday, Tuesday, Thursday, Friday. Required of Freshmen.

2. Class exercises: Setting-up exercises, dumb-bell drill. Squad exercises: Boxing, wrestling and heavy gymnastics, basket-ball, bowling, indoor athletics. Second term: Monday, Tuesday, Thursday, Friday. Required of Sophomores.

3. Class exercises: Setting-up exercises, fencing with single sticks and with broad-swords. Squad exercises: Basket-ball, indoor athletics, heavy gymnastics. Second term: Monday, Tuesday, Thursday, Friday. Required of Juniors.

During the first of the fall term each young woman entering the Freshman Class is given a thorough physical examination by Alice W. Tallant, M.D. From the measurements and strength tests taken, a chart is made out for each young woman, showing her size, strength, and symmetry, in comparison with the Wellesley standard. A hand-book containing exercises prescribed for the correction of any physical defects shown by her chart is furnished each student. Dr. Tallant gives the young women of the Freshman Class a course of ten lectures in personal hygiene.

4. Class exercises: Marching, Swedish movements, fancy steps, and Indian-clubs. Division exercises (graded to suit the strength of each division): Basket-ball, developing appliances, light apparatus work, stall-bars, etc. From the first of November to first of April. Monday, Wednesday, Thursday. Required of Freshmen.

5. Class exercises: Marching, Swedish movements, fancy steps and dumb-bells or wands. Division exercises (graded to suit the strength of each division): Basket-ball, bowling, developing appliances, stall-bars, indoor athletics. Second term: Tuesday, Wednesday, Friday. Required of Sophomores and Juniors.

Outline of Studies.

The figure preceding a subject indicates the number of the course in that study as explained on pages 18 to 50. The figure following a subject indicates the number of exercises per week. Electives are italicized. The left-hand column, the Classical Course, shows the arrangement of studies for students who offer Greek for entrance. The column on the right, the Latin Scientific Course, shows approximately the arrangement for others.

FRESHMAN YEAR.

First Term.

1 Latin 3	1 Latin 3
1 or 1*a* Greek 3	1 Physiology . . 3
1 English . . . 3	1 English . . . 3
1 Mathematics . . 4	1 Mathematics . . 4
1 or 1 *a*, *b*, or *c* French . . . 2	1 or 1 *a*, *b*, or *c* French 2
1 Christian Ethics 1	1 Christian Ethics . 1
1 Ornithology . . 1	1 Ornithology . . 1

Second Term.

2 Latin 3	2 Latin 3
2 or 2*a* Greek 3	2 Physiology . . 3
2 English . . . 3	2 English . . . 3
2 Mathematics . . 4	2 Mathematics . . 4
2 or 4 French . . . 3	2 or 4 French 3
1 Elocution . . 1	1 Elocution . . . 1
1 Hygiene . . . 1	1 Hygiene . . . 1

Third Term.

3	Latin	3	
3 or 3*a*	Greek	3	
1	Botany . . .	3	
3	Mathematics .	4	
3 or 3 *a*	French . . .	3	
2	Ornithology . .	1	

3	Latin	3
3	Physiology . .	3
1	Botany	3
3	Mathematics . .	4
3 or 3 *a*	French	3
2	Ornithology . .	1

SOPHOMORE YEAR.

First Term.

3	English	3	
1	German	3	
1	Physics	3	
2	Elocution	1	
4	*Mathematics*	3	
4	*Latin*	3	
1	*History*	3	
4	*Greek*	3	
1	*Zoölogy*	3	

3	English	3
1	German	3
1	Physics	3
2	Elocution	1
4	*Mathematics*	3
4	*Latin*	3
1	*History*	3
1	*Zoölogy*	3

Second Term.

4	English	3	
2	German	3	
2	Physics	3	
1	Chemistry	3	
5	*Mathematics* . . .	3	
5	*Greek*	3	
2	*History*	3	
5	*Latin*	3	
2	*Zoölogy*	3	
4	*French*	3	

4	English	3
2	German	3
2	Physics	3
1	Chemistry	3
5	*Mathematics* . . .	3
5	*Latin*	3
2	*History*	3
2	*Zoölogy*	3
4	*French*	3

Third Term.

3	German	3	3 German 3
2	Chemistry	3	2 Chemistry 3
3	Physics	3	3 Physics 3
5	*English*	3	5 *English* 3
6	*Mathematics*	3	6 *Mathematics* 3
6	*Latin*	3	6 *Latin* 3
5	*French*	3	5 *French* 3
3	*History*	3	3 *History* 3

JUNIOR YEAR.

First Term.

6	English	4	6 English 4
3	*Chemistry*	3	3 *Chemistry* 3
4	*German*	3	4 *German* 3
6	*French*	3	6 *French* 3
4	*Physics*	3	3 *Zoölogy* 3
4	*History*	3	4 *History* 3
3	*Botany*	3	4 *Physics* 3
3	*Zoölogy*	3	7 *Latin* 3
7	*Latin*	3	7 *Mathematics* 2
7	*Mathematics*	2	

Second Term.

1	Economics	3	1 Economics 3
4	*Chemistry*	3	4 *Chemistry* 3
7	*English*	4	7 *English* 4
8	*Latin*	3	8 *Latin* 3
5	*German*	3	5 *German* 3
7	*French*	3	7 *French* 3
5	*Physics*	3	5 *Physics* 3
8	*Mathematics*	2	4 *Zoölogy* 3
5	*Historical Seminary*	2	8 *Mathematics* 2
4	*Zoölogy*	3	

Third Term.

2	Psychology	3	
2	Economics	3	
3	Elocution	1	
8	*English*	4	
6	*German*	3	
8	*French*	3	
5	*Chemistry*	3	
1	*Mineralogy*	2	
6	*Physics*	3	
5	*Zoölogy*	3	
9	*Latin*	3	
9	*Mathematics*	2	
2	*Botany*	3	

2	Psychology	3	
2	Economics	3	
3	Elocution	1	
1	Mineralogy	2	
6	*German*	3	
8	*French*	3	
5	*Chemistry*	3	
8	*English*	4	
6	*Physics*	3	
5	*Zoölogy*	3	
9	*Latin*	3	
9	*Mathematics*	2	
2	*Botany*	3	

SENIOR YEAR.

First Term.

3	Psychology . . .	3	
9	*English*	4	
7	*German*	3	
9	*French*	3	
6	*Chemistry*	3	
2	*Geology*	3	
7	*Physics*	3	
4	*Economic Seminary* .	2	
1	*Political Science* . .	3	
10	*Latin*	3	
6	*Zoölogy*	3	
1	*Spanish*	3	
3	*Botany*	3	

3	Psychology	3	
2	Geology	3	
9	*English*	4	
7	*German*	3	
9	*French*	3	
6	*Chemistry*	3	
6	*Zoölogy*	3	
4	*Economic Seminary* .	2	
7	*Physics*	3	
10	*Latin*	3	
1	*Political Science* . .	3	
1	*Spanish*	3	
3	*Botany*	3	

Second Term.

4	*Logic*	3	1	Astronomy	3
10	*English*	4	1	Sociology	3
7	*Chemistry*	3	4	*Logic*	3
1	*Sociology*	3	10	*English*	4
8	*Physics*	3	7	*Chemistry*	3
8	*German*	3	8	*German*	3
10	*French*	3	10	*French*	3
1	*Astronomy*	3	8	*Physics*	3
11	*Latin*	3	11	*Latin*	3
7	*Zoölogy*	3	2	*Spanish*	3
2	*Spanish*	3	7	*Zoölogy*	3

Third Term.

4	*Elocution*	1	2	Astronomy	3
5	*Ethics*	3	8	*Zoölogy (Histology)*	3
11	*English*	4	4	*Elocution*	1
8	*Chemistry*	3	5	*Ethics*	3
9	*Physics*	3	9	*Physics*	3
2	*Sociology*	3	11	*English*	4
2	*Astronomy*	3	8	*Chemistry*	3
11	*French*	3	2	*Sociology*	3
9	*German*	3	11	*French*	3
12	*Latin*	3	9	*German*	3
3	*Spanish*	3	12	*Latin*	3
8	*Zoölogy*	3	3	*Spanish*	3

After the first year students elect subjects enough to make not less than 15 exercises per week (16 including elocution) and not more than 19.

THE COMBINED COURSE.

This course permits students of the Sophomore, Junior, and Senior classes, who have the ministry in view, to elect each year one study in the classes of Cobb Divinity School. This enables the student to complete, while in college, the equivalent of one full year's work of the divinity course; so that upon graduating from the college, two more years in the divinity school will entitle him to graduate therefrom; thus reducing by one year the length of his entire course in college and divinity school.

Students pursuing this course will take the following studies in the divinity school: While Sophomores in college, New Testament interpretation with the Junior Class of the divinity school; while Juniors in college, New Testament interpretation with the Middle Class in the divinity school; while Seniors in college, Hebrew and Old Testament History with the Junior Class in the divinity school.

MAJOR AND MINOR SUBJECTS.

All candidates for the degree of Bachelor of Arts are required to choose electives with reference to major and minor subjects. The following selections may be made: A major and two minors, two majors, or four minors. A major subject must cover at least three hours per week for three consecutive years. A minor subject is a similar course pursued for two consecutive years. In complying with the above conditions required subjects may count equally with electives. In making up their choices students are advised to consult with their class officer.

REGISTRATION.

The committee on registration are in session on the first day of each term and all students are required to register at that time unless previously excused. Students failing to

comply with the above requirement are charged one dollar for subsequent registration, and this sum will be collected with their term bills.

HONORS.

The method of awarding honors and assigning Commencement parts is as follows: Eight honors are given for general scholarship throughout the college course—four to young men and four to young women. Two honors, one to a young man and one to a young woman, are given in each of the following departments: Philosophy (including History, Economics, Psychology, Ethics and Logic), Ancient Languages, Modern Languages, English and Elocution, Mathematics and Physics, Chemistry and Biology.

From the twenty persons receiving these honors five young men and five young women are selected by a committee to deliver Commencement parts.

LABORATORIES.

CHEMICAL.

The building of the chemical department is called the Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who generously furnished the means for its erection. It is a two-story brick building, finely located, and of attractive modern style. On the first floor are the chemical lecture room, with rooms adjoining for chemicals and apparatus, and a class laboratory room recently fitted up with tables and sinks sufficient to accommodate thirty-two students. The large room for the general laboratory work of the classes occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories. The heating apparatus has been changed and the building is now thoroughly heated by steam.

PHYSICAL.

During the summer of 1899 the Physical Department was moved from Hathorn Hall to Science Hall—a large, commodious building formerly occupied by the Latin School. The department comprises a well-arranged lecture-room, a large and well-appointed general laboratory and apparatus room, a dynamo room and workshop, and a dark-room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing.

BIOLOGICAL.

Excellent accommodations have been prepared in Science Hall for a Biological laboratory and recitation rooms. These are fitted with the necessary appliances and afford ample opportunities for thorough and extensive work in this department.

CABINETS.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the laboratory and the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are also collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are also some fifteen hundred duplicates. These are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about one thousand specimens.

LIBRARIES.

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets),	*22,364
Divinity School Library,	4,661
Eurosophian Society Library,	609
Total,	27,634

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open seven hours a day for consultation and the delivery of books.

UNIVERSITY EXTENSION.

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the secretary of the Faculty.

GYMNASIUMS.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are a pair of excellent bowling alleys; also convenient bath-rooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

The woman's dormitory, nearing completion, contains a gymnasium sixty by forty feet and twenty feet high. Adjoin-

*This includes about 600 volumes donated by the Polymnian Society.

ing the gymnasium are the Director's office, bath and locker rooms. The office contains a set of anthropometric apparatus; the bath and locker room, four shower baths, one hundred and fifty-six lockers. All the apparatus is new and of the latest pattern, selected and arranged for work that combines the best points of the different systems of physical training. The equipment includes a complete set of Swedish apparatus, developing appliances, foils, marks, jackets for fencing, Indian clubs, dumb-bells, barbells. The floor is arranged for indoor gymnastic games, such as indoor base-ball and basket-ball.

Eight fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD.

The Garcelon Athletic Field is considered one of the best in New England. Its attractiveness has been greatly increased by the erection of a tasteful and commodious Grand Stand. The field, surrounded by a fence, is seven acres in extent. It contains a quarter-mile track, two hundred and twenty yard straight-away, take-offs for the jumps and pole vault, foot-ball field, base-ball diamond, and three excellent tennis courts.

RELIGIOUS EXERCISES.

At the close of the first morning recitation each day all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture, and singing. The Students' Christian Associations,—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

READING-ROOM.

The College has a Reading-Room, independent of the Library, supplied with a large number of the best daily and weekly newspapers, monthlies, and quarterlies. It is kept open during the whole day.

COLLEGE MAGAZINE.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PIÆRIAN. The last is a new society, organized in the spring term of 1897. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evening, and are occasions not merely of social pleasure, but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in college, and hardly second in utility to any department of the curriculum.

YEARLY EXPENSES.

Tuition,	$50.00	$50.00
Suites of rooms for young men, including heat (two in a suite),	15.00 to	30.00
Board (37 weeks, from $2.00 to $3.00 per week),	74.00 to	111.00
Lights, laundry, books, etc.,	20.00 to	30.00
General expenses,	21.00	24.00
Total,	$180.00	$245.00

Students taking Laboratory courses in Chemistry, Physics, and Biology are charged an extra fee of three dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart and hand-book.

Board in private families (laundry, fuel, etc., included), $4.00 to $5.00 per week. Rooms in private families, without board, can be obtained at reasonable prices. Arrangements have been made by which healthful and palatable food can be obtained in one of the College buildings at a cost not exceeding two dollars per week to each student.

Students are advised in regard to selecting their rooms and boarding places, and all students rooming in College buildings are held responsible for the rent of the rooms selected unless other satisfactory arrangements are made with the Assistant Treasurer.

College bills for the First Term must be paid by October 15th, and for the Second Term by March 1st. Students unable to pay their bills on or before the above dates are

required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Third Term must be paid by May 1st. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

Young men desiring information about rooms in the College dormitories should write to Professor J. H. Rand.

Young women desiring similar information should address Dean Caroline E. Libby.

EXAMINATIONS.

Written examinations are given at the close of each term and at such other times as the instructors may determine.

RANK BILLS.

These are sent to the parent or guardian of each student at the close of every term.

DEGREES.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the requisite courses.

The Degree of Master of Arts is conferred on graduates of the College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and theses. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates.

BUILDINGS.

The College has nine buildings—Hathorn Hall, Parker Hall, Hedge Laboratory, Science Hall, Roger Williams Hall, Coram Library, Gymnasium, the President's House, and a Hall in process of construction for the young women.

CORAM LIBRARY.

Coram Library is one of the most beautiful and best planned buildings of its kind. Its reading, reference, seminar, and stack rooms are models of taste and convenience. The furnishings throughout are of the most approved designs of modern libraries. One of the largest rooms has been reserved for the reception of statuary, bronzes, pictures, and curios that the friends of the College have been waiting to give when a suitable place should be provided. There is now ample space for new books, and it is hoped that long standing needs in various departments will soon be met. Special attention is invited to the needs in the departments of Sociology, Economics, and History.,

RESOURCES.

A fair valuation of the grounds, buildings, libraries, and apparatus of Bates together with her permanent fund, shows that her total property amounts to nearly $750,000. Of this sum about $400,000 is in invested funds. While this discloses great progress, it leaves her still one of the most scantily endowed of New England colleges. Of the fund in her Treasury about $150,000 really belongs to the Cobb Divinity School and the income of that amount is, therefore, not available for the maintenance of the College. Again more than $70,000 of her fund is in the form of endowed scholarships—the income of which goes to help deserving students. The amount, therefore, from which an income is available for the direct uses of the College after deducting the above sums from her total fund is less than $200,000.

THE PUBLIC SERVICE OF BATES.

To all who can prize her contributions to the intellectual and moral forces that must save our country Bates can unhesitatingly appeal.

Down to 1902, of her 965 graduates, 417 had become teachers—more than 43 per cent—and 122 ministers, the latter being distributed among ten religious denominations. Fifty had filled positions in Universities and Colleges, and more than this number had won distinction as State, City, and District Superintendents and as Principals of important Secondary Schools. In Authorship, on the Bench, in Legislation, in Journalism, Law, Medicine, and Engineering, she had distinguished representatives; while nearly the entire body of her alumni had proved themselves pure, earnest, useful citizens, ready for every good word and work, and making happier and better the communities in which they lived. The thorough preparation that Bates gives for public speaking is shown by the honors won in the last seven years in nine out of ten intercollegiate debates—three of these with Universities.

REASONS FOR AIDING BATES.

1. To a large number of young men and young women she offers their sole reasonable hope for obtaining a liberal education.

2. She is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. She has been successful in securing character as well as scholarship.

4. She has no taint of sectarianism.

5. Her location is the best possible for her usefulness. She can gather young men and young women of small means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.

6. She took up the cause of higher education for women when it was unpopular.

7. Every dollar given to her work strengthens the forces that are shaping our Christian civilization.

SUMMARY OF NEEDS.

1. $500,000 as an immediate addition to the permanent fund, in order to ensure the efficient maintenance of present work, the development of existing departments, the establishment of a chair of Pedagogy, and the increase of the salaries of the teachers to a living basis. Of this amount $150,000 is required to relieve the College from the necessity of raising $7,000 annually for current expenses.

2. $100,000 for the benefit of the women students—$35,000 to complete the amount required for the erection of a building, and $65,000 to maintain such a building and to ensure a proper salary to a Woman Gymnasium Director.

3. $10,000 for the reconstruction and equipment of Science Hall.

4. $5,000 to pay for the furnishing of Coram Library and to secure additional appliances.

5. $25,000 as a permanent fund for the Library.

6. $50,000 for an Auditorium with rooms for the literary and religious societies.

7. $100,000 for additional Scholarships for deserving students.

8. $40,000 for the erection of a new Gymnasium for the men students.

9. $100,000 for the erection and maintenance of an Astronomical Laboratory and the support of its Director.

10. $10,000 for the grading and improvement of the campus. The total of the amounts named is nearly $1,000,000. We can do a valuable work while waiting for some of these needs to be met; others of them are urgent; all of them are

implied in the plan of our institution; and could they be met at once, the result would justify the outlay.

Forty thousand dollars will endow a professorship. One thousand dollars will endow a perpetual scholarship. Fifty dollars will pay the tuition of a deserving student for one year.

FORM OF A BEQUEST.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

SCHOLARSHIPS.

State Scholarships.

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship.

Redington Scholarship—For a Lady Student.

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship.

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire.

Endowed by Hon. Person C. Cheney, A.M., of Manchester, N. H.

Woodman Scholarship.

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship.

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship.

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship.

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship.

Endowed by the late Chace Lewis, Esq., of Providence, Rhode Island.

Class Scholarship.

Endowed by the Class of 1877.

Bartlett Scholarship.

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Nathaniel Bowen Scholarship.

Endowed by Mrs. Hannah Bowen of Providence, R. I.

Cobb Scholarship.

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship.

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship.

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship.

Endowed by Elias W. Williamson, Esq., Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson, of Stark.

Quinnam Scholarship.

Endowed by Mrs. James Hobbs of Chicago, Ill., in memory of her father, Rev. Constant Quinnam.

Eaton Scholarship.

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship.

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship.

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship.

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship.

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship.

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship.

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship.

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship.

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship.

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship.

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1899.

Dyer Scholarship.

Endowed, for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Cushman Scholarship.

Endowed by Ara Cushman, Esq., of Auburn.

Page Scholarship.

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship.

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship.

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship.

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship.

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship.

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship.

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship.

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship.

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships.

The Trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy

and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of said scholarships.

Lovina Haines Haskell Scholarship.

Endowed by Edwin B. Haskell of Boston, Mass.

Fiske Scholarship.

Endowed by Miss Elizabeth S. Fiske of Boston, Mass.

Rowe and Clarry Scholarships.

Endowed by a bequest of Mrs. Emily H. C. Rowe in memory of her daughter, Miss Emma F. Clarry, and affording free tuition to four young women, preference to be given to worthy students from Brooks, Me.

Dexter N. Richards Scholarship.

Endowed by Mrs. L. M. Richards of Brookline, Mass., in memory of her husband.

Stetson Scholarship.

Endowed by Amos W. Stetson of Boston, Mass.

John D. Philbrick Scholarship.

Endowed by Mrs. John D. Philbrick.

William Wells Cate Scholarship.

Endowed by Rev. C. E. Cate, D.D., of Providence, R. I., in memory of his brother.

Coe Scholarship.

A scholarship of $3,000, endowed by Thomas Upham Coe of Bangor, in memory of his brother, Eben Smith Coe. The

income is awarded annually to the man in the Senior Class whose scholarship and conduct, during the previous three years of the course, have been the most meritorious. The award is made at the close of the Junior year.

Knowlton Scholarship Fund.

Hon. Hiram Knowlton of Portland, Me., has deposited with the treasurer of the College $3,000, the income of which sum is to be used, when under the stipulated conditions it shall become available, for the maintenance of certain scholarships.

Joseph S. Ricker Scholarship Fund.

A fund of $10,000 to ensure free tuition to deserving women students—the beneficiaries to be selected, whenever practicable, from different counties in Maine.

Bradstreet Fund.

Mr. William W. Bradstreet of Gardiner, Me., has established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund.

Students contemplating the Christian ministry receive assistance every year of the course.

PRIZES.

Prizes will be awarded as follows:

First—For General Scholarship.

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man, and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation.

In the Second Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the First Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Third Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition.

In the Third Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate.

Second Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Third Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are elected from the Sophomore Class to particpate in it.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

Through the generosity of Mr. W. H. H. Bryant of Boston, Mass., a prize of fifty dollars will be awarded annually to the member of the Senior Class who shall prepare the best essay upon "Arbitration Instead of War."

For the past year prizes have been awarded as follows:

For General Scholarship—Frank C. Stockwell, Marion E. Mitchell, Wayne C. Jordan, Grace W. Pratt, Harlow M. Davis, Caroline W. Chase.

For Public Declamation—1903, to John S. Pendleton, Amie F. Clark; 1904, to William R. Redden, Alice P. Rand.

For English Composition—1904, to Ethel M. Park.

For Original Declamation—1904, to Arthur K. Baldwin, Maud L. Thurston.

For Public Debate—1904, to Edna B. Butler, Warren W. James, Wayne C. Jordan, Lillian M. Osgood, Simon F. Peavey, Alice P. Rand, William R. Redden.

For Champion Debate—1904, to Wayne C. Jordan.

The Bryant Prize was awarded to John A. David.

In the Intercollegiate Debate with Trinity College the winning team consisted of Albion K. Spofford, '04; Frederick W. Swan, '04; Guy L. Weymouth, '04. With Vermont University the winning team was Judson C. Briggs, '04; William L. Parsons, '05; Simon F. Peavey, '06.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
ABBOTT, JOHN WOODWARD,	*Lewiston.*	10 Pleasant Street.
AMES, MARION DINANT,	*Lewiston.*	70 Elm Street.
BALDWIN, ALBERT KILBURN,	*Winthrop.*	Vale Street.
BARR, JOHN ERNEST,	*Lowell, Mass.*	237 Oak Street.
BARTLETT, MARY ALICE,	*S. Natick, Mass.*	M. H.
BARTLETT, MARY ELIZABETH,	*Woodfords.*	W. H.
BESSEY, EARLE DUTTON,	*Brooks.*	P. H.
BLAKE, PERCY HAROLD,	*Auburn.*	45 P. H.
BRIGGS, ADELAIDE LOUISE,	*Lewiston.*	1051 Main Street.
BRYANT, ELSIE MARY,	*North Leeds.*	F. H.
BRYANT, LULA RAE,	*Pittsfield.*	M. H.

Cole, Elijah Day,	*Mechanic Falls.* 7 Yates Street, Mechanic Falls.
Cooper, Christopher George,	*Houlton.* 5 P. H.
Cornelison, Mabel May,	*Houlton.* F. H.
DeMeyer, John Everard,	*Eastbrook.* 9 P. H.
Doe, Harry Franklin,	*Howe's Corner.* 9 P. H.
Donnell, Ardella Dill,	*Lewiston.* 79 Elm Street.
Downey, Daisy Vaughn,	*Jackson, N. H.* M. H.
Durell, Charles Pendexter,	*Oxford.* 37 P. H.
Files, Bertha Celestia,	*Bangor.* M. H.
Goddard, Harriet,	*Dartmouth, Mass.* F. H.
Gould, May Evelyn,	*Skowhegan.* M. H.
Hodnett, Mabel,	*Danforth.* 23 Howe Street.
Holman, Orin Merton,	*Oxford.* 37 P. H.
Holmes, Effie Mabelle,	*Lewiston.* 87 Elm Street.
Junkins, Charles Edson,	*York Corner.* 12 P. H.
Libbey, Harold Shaw,	*Lewiston.* 128 Sabattus Street.
Lincoln, Mary Alice,	*Meredith, N. H.* W. H.

Maxim, Alton True,	*South Limington.* 41 P. H.
Milbury, George Douglas,	*Tracy Mills, N. B.* 4 R. W. H.
Millett, Charlotte Adelaide,	*Gorham.* M. H.
Mitchell, Marion Ethel,	*Bangor.* M. H.
Norton, Monira Louise,	*Auburn.* 34 Loring Avenue, Auburn.
Parsons, William Lewis,	*New Portland.* 5 P. H.
Patten, John Gray,	*Bowdoinham.* 12 P. H.
Peabody, Grace May,	*Lewiston.* 125 Wood Street.
Perkins, Elizabeth Sarah,	*Alfred.* C. H.
Peterson, John Emil,	*Marlboro, N. H.* 32 R. W. H.
Pettengill, Daniel Lester,	*No. Bangor, Me.* 19 R. W. H.
Ramsdell, Mary Jane,	*East Hebron.* F. H.
Reed, Ada Maud,	*Auburn.* M. H.
Reed, John Stillman,	*Frye.* 31 P. H.
Sampson, George Gordon,	*Farmington.* 30 S. H.
Spooner, Thomas,	*Auburn.* 2 Union Street, Auburn.
Stetson, Lilla Augusta,	*Auburn.* 175 Whitney Street, Auburn.

Stetson, Mary Louise,	*Auburn.* 175 Whitney Street, Auburn.
Stockwell, Frank Clifford,	*S. Framingham, Mass.* 8 P. H.
Symonds, Sadie Brooks,	*Exeter, N. H.* M. H
Thissell, Amy Dodge,	*Beverly, Mass.* M. H.
Thurston, Maud Lillian,	*Bethel.* M. H.
Turner, Ethel Augustus,	*Palermo Centre.* 13 P. H.
Tuttle, Eugene,	*Bellows Falls, Vt.* 35 P. H.
Vance, Marion Eveline,	*Lewiston.* 108 Winter Street
Walker, Charles Henry,	*Lewiston.* 145 Nichols Street
Walton, Mary Eleanor,	*S. Portland.* W. H.
Williams, Meredith Gilbert,	*S. Framingham, Mass.* 8 P. H.
Wilson, Edbert Carson,	*Lewiston.* 43 P. H
Winslow, Ralph Golder,	*Lewiston.* 91 Horton Street.
Yeaton, Harold Wentworth,	*Rochester, N. H.* 13 P. H

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JUNIOR CLASS.

NAME.	RESIDENCE. ROOM.
Allan, Harold Aubrey,	*Lewiston.* 98 Walnut Street.
Austin, Winfield Scott,	*Newton, N. H.* 7 P. H.
Barker, Guy Burnham,	*Bethel.* 18 P. H.
Barlow, Isabel,	*Lewiston.* 418 Main Street.
Bartlett, Ralph Atherton,	*Gardiner.* 14 P. H.
Blackwood, Myrtle May,	*Cumberland Mills.* F. H.
Blake, Frank Harold,	*Somersworth, N. H.* 14 P. H.
Blount, Henry Gardner,	*Chatham, Mass.* 10 P. H.
Bonney, Luther Isaac,	*Turner Center.* 40 Cottage Street.
Brackett, Roy Frost,	*Limington.* 15 P. H.
Bradley, Ross Mortimer,	*Roxbury, Mass.* 16 P. H.
Bragdon, Blanche Arline,	*Springvale.* W. H.
Briery, Augusta Parks,	*Litchfield.* W. H.
Brooks, Charles Elwood,	*Norway.* 211 College Street.

BUTLER, EDNA BEATRICE, *Springvale.*
W. H.

CHANNELL, HELEN VIETTE, *Lewiston.*
79 Webster Street.

CONNER, EDWIN SOLON, *Castine.*
44 P. H.

CORSON, LINWOOD ERNEST, *Skowhegan.*
83 Elm Street.

COY, LEWIS HAROLD, *Dover.*
42 P. H.

CUMMINGS, HAROLD NEFF, *Auburn.*
Auburn.

DAVIS, CLARA MAY, *Hancock, Mass.*
W. H.

DAVIS, IRVING GILMAN, *Empire.*
16 P. H.

DAY, LAURA BRACKETT, *Somersworth, N. H.*
W. H.

DOYLE, FRED SMITH, *Caribou.*
32 P. H.

DUNLAP, JAMES ALBION, *Bowdoinham.*
12 P. H.

DWINAL, ZELMA MERWYN, *Auburn.*
20 Highland Avenue, Auburn. 14 P. H.

FARRAR, LEO WOODBURY, *South Paris.*
25 P. H.

FISHER, WALTER LESLIE, *Lewiston.*
500 Main Street.

FOGG, INA ALEXANDER, *Gray.*
F. H.

FOSTER, ETHEL MAY, *Cumberland Mills.*
M. H.

FRENCH, ARTHUR FORD, *Auburn.*
25 Parker Street, Auburn.

Gauthier, Eugene Robert,	*Jefferson, N. H.* 40 P. H.
Giles, Mervin Shepard,	*Salem, Mass.* 36 P. H.
Gregg, Merritt Lodge,	*Mountain Dale, N. B.* 9 R. W. H.
Hamblen, Florence Ella,	*Gorham.* W. H.
Harradon, Harry Durward,	*East Auburn.* East Auburn.
Holbrook, Charles Stewart,	*Shelburne Falls, Mass.* 46 P. H.
Jackson, Leander,	*Morrill.* 46 P. H.
James, Warren William,	*Jefferson, N. H.* 40 P. H.
Johnson, Albert Garfield,	*Turner.* 7 P. H.
Jordan, Wayne Clark,	*Lewiston.* 24 Frye Street.
Kabatchnick, Goldie Irene,	*New Auburn.* 53 Mill Street.
Kendall, Ralph Leander,	*Orrington.* 44 P. H.
Keirstead, William Oded,	*Corn Hill, N. B.* 17 R. W. H.
King, Ethel Florence,	*Lewiston.* 700 Main Street.
Knight, Edith May,	*Richmond.* W. H.
Lewis, Albion Bayard,	*Springfield.* 32 P. H.
Libbey, Alla Amantha,	*Lewiston.* 128 Sabattus Street.

Mahoney, Daniel Joseph,	*Rochester, N. H.* 36 P. H.
Mason, Forest Lionell,	*Mechanic Falls.* Mechanic Falls.
Merrill, John Clifford,	*Anson.* 17 P. H.
Nutter, Lena Belle,	*Dexter.* 374 Main Street.
Osgood, Lillian May,	*Franklin, N. H.* F. H.
Paine, Leon Gilman,	*Standish.* 15 P. H.
Park, Ethel May,	*Lyndon Center, Vt.* W. H.
Pease, Jessie Maude,	*Anson.* W. H.
Perry, James Garfield,	*Upper Kent, N. B.* 17 R. W. H.
Phillips, Charles Lewis,	*Lewiston.* 159 Pine Street.
Pomeroy, Ray Eugene,	*Lewiston.* 164 Holland Street.
Pratt, Grace Whitman,	*Lewiston.* 270 Bates Street.
Pulsifer, Florence Pearle,	*Auburn.* 1 Gammage Avenue, Auburn.
Purinton, Angie Emily,	*Bowdoinham.* C. H.
Rand, Alice Pray,	*Lewiston.* 28 Frye Street.
Rand, Everet Leroy,	*Lisbon Center.* Lisbon Center.
Redden, William Rufus,	*Roxbury, Mass.* 26 P. H.

Rich, Florence Estelle,	*Roxbury, Mass.* M. H.
Richards, Annie Gilmore,	*North Yarmouth.* F. H.
Robinson, Edna Jeanette,	*Otisfield.* F. H.
Robinson, John Evans,	*Fall River, Mass.* 30 S. H.
Salley, Ashmun Clark,	*Lewiston.* 14 Mountain Avenue.
Shaw, Mabel Vivian,	*Bethel.* 252 College Street.
Sheehan, Bessie May,	*Madison.* W. H.
Spear, Gladys Burgess,	*Lewiston.* 10 Mountain Avenue.
Spooner, Elizabeth Chandler,	*Auburn.* 2 Union Street, Auburn.
Stevens, Harold Wentworth,	*Saco.* 40 P. H.
Steward, Charles Palmer,	*Phillips.* 40 S. H.
Thurston, Frank Hale,	*Smithton.* 17 Frye Street.
Thurston, Fred Lovejoy,	*Smithton.* H. H.
Verrill, Elmer Russell,	*Wayne.* 10 P. H.
Watkins, Louisa Alcott,	*South Casco.* W. H.
Wells, Charles Albert,	*North Bridgton.* 10 P. H.
Weston, Annie Ray,	*Harrison.* W. H.

WIGGIN, HOWARD ALPHEUS, *North Baldwin.*
41 P. H.

WOOD, WILLIAM, *Sabattus.*
Sabattus.

WORMELL, LULA MAY NEWTON, *Lubec.*
M. H.

WYMAN, ALICE ETTA, *Auburn.*
145 Hampshire Street, Auburn.

YEATON, WINIFRED ELLEN, *Portsmouth, N. H.*
W. H.

YOUNG, ELVENA, *Gonic, N. H.*
W. H.

YOUNG, MYRTLE, *Gonic, N. H.*
W. H.

SOPHOMORE CLASS.

NAME.	RESIDENCE.	ROOM.
Adams, John Howard,	*Lewiston.*	190 College Street.
Aldrich, Guy Von,	*Lewiston.*	16 Frye Street.
Bickford, Erna Eliza Greta,	*Lewiston.*	154 Pine Street.
Bickford, Maud Barbara,	*Lewiston.*	154 Pine Street.
Boak, Edward Kendrick,	*Lewiston.*	415 Main Street.
Bowman, Herbert Emmanuel,	*Vinalhaven.*	42 P. H.
Bray, Florence Knight,	*Whitefield, N. H.*	W. H.
Burns, Louise Hawthorne,	*Westbrook.*	C. H.
Caswell, Frank Perley,	*New Sharon.*	30 P. H.
Chase, Caroline Wood,	*Lewiston.*	16 Frye Street.
Churchill, Alice Walker,	*Brunswick.*	F. H.
Clason, Julia Trott,	*Gardiner.*	C. H.
Clifford, Marguerite Abbott,	*South Paris.*	W. H.
Colson, Ephraim Perry,	*Rockland.*	96 Elm Street.

Corson, David Herman, *Skowhegan.*
36 S. H.

Crane, Mary Alice, *Whiting.*
F. H.

Davis, Emily Christina, *Rochester, N. H.*
W. H.

Davis, Ethel Johnson, *Portsmouth, N. H.*
C. H.

Davis, Harlow Morrell, *Augusta.*
11 P. H.

Donnell, Nellie Maude, *Lewiston.*
79 Elm Street.

Doughty, Florence Ada, *South Portland.*
W. H.

Edgerly, William Freeman, *New Hampton, N. H.*

Farnham, Louis Bending, *Orland.*
18 P. H.

Files, Marian Edna, *Lewiston.*
161 Wood Street.

Foster, Eugene, *Dry Mills, Gray.*
34 P. H.

Foster, Eugene Stuart, *Burnham.*
17 Frye Street

Freese, Earl Percy, *East Dedham, Mass.*
38 P. H.

French, Maude Belle, *Auburn.*
61 Dennison Street, Auburn.

Frost, Harold Ionel, *Bowdoinham.*
H. H.

Heminway, Robert Lynn, *Indian Falls, N. Y.*
47 P. H

Hillman, Sarah Alice, *Hardwick, Mass.*
M. H.

Holmes, Jerome Crane,	*Lincoln.* 45 P. H.
Hopkins, Ruby Estella,	*Providence, R. I.* C. H.
Houston, Ruby Inez,	*Rochester, N. H.* W. H.
Hoyt, Guy William,	*Pittsfield, N. H.* 34 P. H.
Hussey, John Fred,	*Augusta.* 11 P. H.
Irish, Gertrude Hall,	*Auburn.* 121 High Street, Auburn.
Jackson, Frank Ward,	*Wiscasset.* 38 P. H.
* Jackson, Ruel Hanscom,	*Fall River, Mass.* 46 P. H
* Johnson, Elmer Keyes,	*Machias.* P. H.
Keist, Mabel Beatrice,	*Auburn.* 15 Temple Street, Auburn.
Kelley, Fred Grant,	*West Lubec.* 45 P. H.
Lamb, Florence Edith,	*Spencer, Mass.* F. H.
Lanphear, Anna Story,	*New Dorchester, Mass.* M. H.
Latham, Lillian Lawrence,	*East North Yarmouth.* F. H.
McIntyre, Joseph Henry,	*Whitefield, N. H.* 29 P. H.
Mann, George Eugene,	*Manville, R. I.* 19 R. W. H.
Manson, Georgia Alice,	*Oakland.* 380 Main Street.

Maxwell, Angie Winnefred,	*Sabattus.* Sabattus.
Merrill, Lee Simons,	*Anson.* 17 P. H.
Merrill, Rena Maude,	*Gardiner.* C. H.
Mitchell, Beulah,	*Lubec.* W. H.
Morrill, True Clifford,	*Gray.* 11 P. H
Morse, Abbie Luella,	*Auburn.* 108 Court Street, Auburn
Morse, Ernest James,	*Lewiston.* 10 Frye Street
Palmer, George Washington,	*Somersworth, N. H.* 14 P. H.
Parker, Cora Belle,	*Spencer, Mass.* F. H.
Pattangall, Katharine Jean,	*Pembroke.* C. H.
Pendleton, John Scott,	*Northport.* 38 P. H.
Pierce, James Franklin,	*Windsor, N. C.* 41 S. H.
Porter, Mabel Maud,	*Eustis.* M. H.
Prock, Granville Albert,	*Lincolnville.* 38 S. H.
Quinby, Alice Rose,	*Cumberland Mills.* C. H.
Ramsdell, Sherman Rodman,	*West Lubec.* 45 P. H.
Rankin, Percy Hatch,	*Wells Depot, Wells.* 32 P. H.

RICH, NATHAN HAROLD, *Charleston.*
34 P. H.

RING, ELIZABETH MABELLE, *Auburn.*
14 Barker Street, Auburn.

ROBINSON, FRANCES ESTELLE, *Lewiston.*
126 Russell Street.

DEROCHEMONT, FANNIE GERALDINE, *Portsmouth, N. H.*
C. H.

ROCHFORD, FRANCIS JOSEPH, *Newton Lower Falls, Mass.*
19 P. H.

ROGERS, FRANK LESTON, *Everett, Mass.*
30 P. H.

SANDERSON, JOSEPHINE ANGELINE, *East Waterford.*
W. H.

SULLIVAN, WALTER EDWARD, *Houlton.*
29 P. H.

TURNER, CHARLES OSCAR, *Farmington.*
37 Skinner Street.

WALSH, ANNA FLEMING, *Lewiston.*
51 Knox Street.

WARE, AMY ESTELL, *Bangor.*
M. H.

WHITE, DORRANCE STINCHFIELD, *New Hampton, N. H.*
37 Cottage Street.

WHITTUM, WILLIAM HENRY, *Lewiston.*
250 College Street.

WIGHT, LAWRENCE NORMAN, *Gorham, N. H.*
18 P. H.

WILLARD, EMILY ROSAMOND, *South Portland.*
M. H.

*Special Course.

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FRESHMAN CLASS.

NAME.	RESIDENCE. ROOM.
Allen, Lida May,	*East Dixfield.* C. H.
Annis, Lillian Mae,	*Somersworth, N. H.* W. H.
Anthony, Elisabeth Williams,	*Lewiston.* 336 College Street.
Bangs, Archie Roy,	*Sabattus.* Sabattus.
Beals, Estella Maude,	*Middleton, N. S.* M. H.
Blackstone, Ervette Elaine,	*Perham.* W. H.
Blanchard, Elsie,	*Weymouth, Mass.* F. H.
Bliss, Mary Fannie,	*Durham.* C. H.
Bonney, Carolyne Emma,	*Auburn.* 6 Hampshire Street, Auburn.
Bool, Phebe Rosa,	*Cambridge, Mass.* 75 Elm Street.
Bosworth, George Allen,	*Warren, R. I.* 349 College Street.
Bradbury, Linnie Fabyan,	*Lewiston.* 226 College Street.
Bradford, Ethel Ardelia,	*Auburn.* 121 High Street, Auburn.
Bradford, Maude Minerva,	*South Livermore.* 88 Lake Street, Auburn.

Bridges, Thomas Sherian,	*Bucksport.* 49 P. H.
Brown, Maurice Vivian,	*Norway.* 691 Main Street.
Burke, Mary Cecilia,	*Auburn.* 16 Newbury Street, Auburn.
Burnell, Floyd Willis,	*East Hiram.* 41 P. H.
Campbell, Percy Cheney,	*Lawrence, Mass.* 133 College Street.
Carver, John Small,	*Auburn.* 183 Sixth Street, Auburn.
Cate, Thomas Jefferson,	*Sanbornton, N. H.* 211 College Street.
Cleveland, Alton Hiram,	*Skowhegan.* 9 Laurel Avenue, Auburn.
Clifford, Wallace Alton,	*South Paris.* 4 Davis Street.
Cook, Solomon Everett,	*Oxford.* 37 Cottage Street.
Cooley, Ethel Florence,	*Norridgewock.* 6 Frye Street.
Cooley, Scott Foster,	*Peacham, Vt.* 415 Main Street.
Coombs, Robert Leland,	*Auburn.* 310 Turner Street, Auburn.
Crawshaw, Annie,	*Lewiston.* 51 East Avenue.
Cummings, Ruth Joy,	*Lancaster, N. H.* M. H.
* Currier, Winthrop,	*Newburyport, Mass.* 51 P. H.
Curtis, Alice Nina,	*Bingham.* 20 Arch Avenue.

Dexter, Marion Russ,	*Beverly, Mass.* M. H.
Dinsmore, Alice Jane,	*Lewiston.* Cor. South Avenue and Pleasant Street.
Doe, George Arthur,	*S. Effingham, N. H.* Route 7, Auburn.
Dolloff, Cyrus Wilfred,	*Gardiner.* 21 P. H.
Donovan, Joseph Aloysius,	*Houlton.* 384 Main Street.
Douglass, Alden Judson, Jr.,	*Rumford Falls.* 21 P. H.
Douglass, Ethel Minnie,	*Bowdoinham.* W. H.
Dunlap, Lois Ann,	*Bowdoinham.* W. H.
Ellsworth, Edward William,	*Northboro, Mass.* 51 Court Street, Auburn.
Faulkner, James Francis,	*Gardiner.* 21 P. H.
Ferguson, Marion Gladys,	*Somersworth, N. H.* W. H.
Foster, Arthur,	*Weld.* 40 S. H.
Foster, Mabel Winifred,	*Cumberland Mills.* M. H.
Fraser, Le Roy Boynton,	*Merrimac, Mass.* 50 P. H.
French, George Washington,	*Kezar Falls.* 20 P. H.
Gay, Thomas E.,	*Auburn.* 26 Laurel Street, Auburn.
Goodwin, Harold Merle,	*Lincoln.* 24 Frye Street.

Goodwin, Ralph Augustus,	*Lincoln.* 24 Frye Street.
Grant, Sadie Little,	*Calais.* M. H.
Grant, Mabel Pearl,	*Fort Fairfield.* W. H.
Hanson, Marcia Jane,	*Strafford, N. H.* 37 Cottage Street.
Harkins, John Michael,	*Drownville, R. I.* 349 College Street.
* Harrington, Ephraim Eugene,	*Chicago, Ill.* 50 P. H.
Harris, Arthur Louis,	*East Pittston.* 237 Oak Street.
Haynes, Guy Coldwell,	*Parsonsfield.* 154 Central Avenue.
* Hepburn, William Kirkland,	*Sunderland, Mass.* 51 P. H.
Higgins, Fred James,	*Southwest Harbor.* 18 Wakefield Street.
Hincks, Sue Lynnette,	*South Orrington.* M. H.
* Hines, Fred,	*Sunderland, Mass.* 51 P. H.
Hobbs, William Stevens,	*West Falmouth.* 173 Wood Street.
Hodgdon, Daniel Russell, Jr.,	*Winthrop.* 69 Nichols Street.
Holman, Wendell Phillips,	*Dixfield.* 339 Main Street.
Hull, Ira Butler,	*Lewiston.* 96 Nichols Street.
Hutchinson, Ethel Louise,	*Canton.* C. H.

Jones, Lina Gertrude,	*Brunswick.* M. H.
Jordan, James Leland,	*Sabattus.* Sabattus.
Knight, Marion Frances,	*Rockland.* F. H.
Knox, Helen Josephine,	*Manchester, N. H.* M. H.
Lane, Walter,	*Anson.* 40 Mountain Avenue.
Lewis, Bertha Erma,	*Gardiner.* C. H.
Libby, Grace Lillian,	*Lewiston.* 411 Main Street.
Libby, Walter Emery,	*Lincoln.* 136 Sabattus Street.
Little, Katherine Gilman,	*Merrimac, Mass.* W. H.
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Merrill, George Elwin,	*Anson.* 17 P. H.
Merrill, Lena Sarah,	*Auburn.* 478 Court Street, Auburn.
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W. H.

SCHERMERHORN, MYRTLE JANE, *Limerick.*
W. H.

SCHUMACHER, GEORGE WENDELL, *Ansonia, Conn.*
20 P. H.

SCOTT, JOHN JOSEPH, *Lewiston.*
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SHOREY, IZORA DEVEREAUX, *Bridgton.*
W. H.

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M. H.

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STEVENS, ROY FOSTER, *Lisbon.*
Lisbon.

SWEETLAND, WILLIAM VIRGIL, *Pittsfield.*
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C. H.

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Wheaton, Clarence Lincoln,	*St. John West, N. B.* 21 R. W. H.
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Williams, Guy Floyd,	*North Anson.* 17 P. H.
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125

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Senior Class,	59
Junior Class,	89
Sophomore Class,	80
Freshman Class,	125
Total,	353

H. H., . . Hathorn Hall.
P. H., . . Parker Hall.
R. W. H., . Roger Williams Hall.
S. H., . . Science Hall.
C. H., . . Cheney House.
M. H., . . Milliken House.
W. H., . Whittier House.
F. H., . . Frisbee House.

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Adams, Walton Samuel
Alexander, Carrie Maude
Barker, Abby Louise
Billings, Lucy Mae
Bradford, Harry Lewis
Bray, Bessie Leila
Bray, Emma Adeline
Briggs, Judson Carrie
Carrow, Mae Helena
Case, Egbert Atheling
Cole, Perley Llewellyn
Cooper, Bessie Cora Helena
Crocker, Francis Benjamin, Jr.
Cutten, Leverett Howell
David, John Archer
Dunfield, Frank Freeman
Flanders, Jesse Knowlton
Fortier, Harry Earl
Frost, Alice Imogene
Given, Jane Mary
Gould, John Harold
Green, Ruby Luella
Hamilton, Effie Lorania
Hammond, Frank Merton
Harmon, George Henry
Hodgson, Florence Ethel
Holman, Ernest Marshall
Knollin, Fletcher H.
Lane, Earl Carlton
Lugrin, Bessie Atherton
McKusick, Carroll Lee
Milliken, Hattie True
Mitchell, Nelson Stafford
Morison, Virabel
North, Edna Mae
Parkin, Maude Ellen
Parlin, Amber Lorene
Phillips, Eva Ingraham
Plant, Perley Hollis
Reynolds, Elsie Mabel
Robbins, Bradford Hilton
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Russell, Bessie Lucile
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Senter, George Adams
Sinclair, John Abbott
Smith, Eugene Bernard
Space, Mary Lynne
Spofford, Albion Keith
Swan, Frederick Mott, Jr.
Sweeney, Joseph Cleveland
Thompson, Edith Etta
Thompson, Grace Violet
Turner, Viola Josephine
Walker, Alta Claire
Wallace, Almira Rice
Wallace, Fred William
Weymouth, Guy Linwood
Weymouth, Milton Wedgwood
Wheeler, Anella Martha
White, Ethelyn Gertrude

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...es, No. 1

Bulletin
of
Bates College

Bates College

1905-1906

Lewiston, Maine, December 1, 1905.

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LEWISTON, MAINE.

1905-1906.

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1905.

CALENDAR-1906

JANUARY.

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FRANKLIN CO.,CHI.

CALENDAR.

1905.

Sept. 12—Fall Term began, ... Tuesday.
Oct. 15—Tuition due.
Nov. 30—Thanksgiving Day, Holiday. . . . Thursday,
Dec. 5—Examinations begin, ... Tuesday.
Dec. 8—Fall Term closes, ... Friday.

1906.

Jan. 9—Spring Term begins. . . . . Tuesday.
Jan. 25—Day of Prayer for Colleges, . . . Thursday.
Feb. 22—Holiday, ... Thursday.
March 1—Tuition due.
Feb. 27—March 12—Freshman Preliminary Declamations, 2 P.M.
Prize Division, ... 2 P.M.
March 13—23—Sophomore Debates, ... 2 P.M.
March 27—Examinations begin, ... Tuesday.
March 30—Spring Term closes, ... Friday.
March 30—Senior Exhibition, ... Friday, 7.45 P.M.
April 10—Summer Term begins, ... Tuesday.
May 1—Tuition due.
May 30—Memorial Day, Holiday, ... Wednesday.
June 20—23—Examination of the College Classes,
Wednesday–Saturday.
June 24—Baccalaureate Exercises, . . Sunday, 10.30 A.M.
June 24—Address before the College Christian Associations,
Sunday, 7.45 P.M.
June 25—Examinations for Admission to College
begin Monday, 2 P.M.
June 25—Sophomore Prize Debate, . . Monday, 2.30 P.M.
June 25—Junior Exhibition, . . . Monday, 7.45 P.M.
June 26—Class Day Exercises, . . Tuesday, 2.30 P.M.
June 26—Concert, ... Tuesday, 7.45 P.M.
June 27—Annual Meeting of the Corporation, Wednesday, 9 A.M.
June 27—Annual Meeting of the Alumni, Wednesday, 4 P.M.
June 27—Reception to Graduates by Members of the Faculty,
Wednesday, 8 P.M.
June 28—Commencement, ... Thursday, 10 A.M.
June 28—President's Reception to the Graduating Class,
Thursday, 8 P.M.
Sept. 10—Examinations for Admission to College begin
Monday, 2 P.M.
Sept. 12—Fall Term begins, ... Wednesday.
Oct. 15—Tuition due.
Oct. 22—Sophomore Preliminary Declamations, . . 2 P.M.
Oct. 29—Prize Division, ... 2 P.M.
Dec. 7—Fall Term closes, ... Friday.

General Information.

FOUNDATION.

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining states, parents eager to secure a good education for their children. The Lewiston High School, and the Edward Little High School of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours distant from

Boston, and are accessible from all directions by means of four railways,—The Grand Trunk, Portland and Rumford Falls, and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site for an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE.

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the College without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the College to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. Planted in a thrifty and frugal community, Bates is for a wide area the natural college home for students of limited means. The community, with its numerous industries, offers unusual opportunities for work; and college spirit and tradition make labor honorable. The Faculty of Bates find one of their highest pleasures in helping young men and young women to solve the problem of ways and means. Alone of New England colleges, Bates still encourages needy students to teach during a part of each year; and she does not find such teaching, under proper restrictions, harmful either to scholarship or character. Every year Bates students are engaged in more than sixty different kinds of employment. Seventy-four permanent scholarships of $1,000 each pay the annual tuition of as many deserving young men and young women. Students of ample, of moderate, and of limited means live and work together in absolute social equality. From its organization in 1863, the College has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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Degrees.

GEO. C. CHASE, J. Y. STANTON,
W. H. HARTSHORN.

Athletics.

L. G. JORDAN, A. L. CLARK,
H. H. BRITAN.

Entrance Examinations.

F. A. KNAPP, J. H. RAND,
C. F. LAVELL.

Registration.

A. N. LEONARD, J. H. RAND,
W. E. McNEILL, F. E. POMEROY.

Curriculum.

GEORGE C. CHASE, L. G. JORDAN,
A. N. LEONARD, W. H. HARTSHORN,
A. L. CLARK.

Rules and Regulations.

J. H. RAND, A. L. CLARK,
CAROLINE E. LIBBY.

Class Officers.

Seniors—L. G. JORDAN. Juniors—A. N. LEONARD.
Sophomores—J. H. RAND. Freshmen—F. A. KNAPP.

EMPLOYMENT BUREAU.

F. E. POMEROY, J. L. READE, L. B. COSTELLO.

HEAD JANITOR.

FRED H. MERRILL,

151 Wood Street.

Terms of Admission.

The requirements for admission to the Freshman Class are as follows:

LATIN.

Four Books of Cæsar's Gallic War;
Six Orations of Cicero.
Six Books of Vergil's Æneid;
(Work in Ovid will be accepted instead of parts of the above.)
Latin Composition.
Latin Grammar, including Prosody;
Translation of Easy Latin at sight;
History and Geography.

GREEK.

Four Books of Xenophon's Anabasis;
Three Books of Homer's Iliad;
Twenty Exercises in Jones' Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
History and Geography;

Instead of the Greek, candidates may present the following work as conducted in the best preparatory schools, on the basis of five hours a week in each subject:

1. Three years of French.
2. Three years of German.
3. Two years of French and one year of German.
4. Two years of French and one year in any one of the following subjects: Physics, Chemistry, Biology, Advanced Mathematics; or the additional year may be made up from any

two of the following subjects: Greek History, English History, American History and Civil Government, Solid Geometry, Physiology.

MATHEMATICS.

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.

2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH.

I. *Reading and Practice*—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics to be chosen by the candidate from a considerable number set before him in the examination paper. The treatment of these subjects is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions on other written work done in connection with the reading of these books. The books for this part of the examination will be:

For 1906, 1907 and 1908, Irving's Life of Goldsmith; Shakespeare's Macbeth and Merchant of Venice; The Sir Roger de Coverley Papers in the Spectator; Coleridge's The Ancient Mariner; Scott's Ivanhoe and the Lady of the Lake; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

For 1909, 1910, 1911.

Group I. (two to be selected).

Shakespeare's As You Like It, Henry V, Julius Caesar, The Merchant of Venice, Twelfth Night.

Group II. (one to be selected).

Bacon's Essays; Bunyan's The Pilgrim's Progress, Part I;

The Sir Roger de Coverley Papers in the Spectator; Franklin's Autobiography.

Group III. (one to be selected).

Chaucer's Prologue; Spenser's Faerie Queene, (selections); Pope's The Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury (First Series) Books II. and III., with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV. (two to be selected).

Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe; Scott's Quentin Durward; Hawthorne's The House of the Seven Gables; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; Dickens' A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

Group V. (two to be selected).

Irving's Sketch Book; Lamb's Essays of Elia; De Quincey's Joan of Arc and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays (Selected); Ruskin's Sesame and Lilies.

Group VI. (two to be selected).

Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series) Book IV, with especial attention to Wordsworth, Keats and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Hervé Riel, Pheidippides.

II. *Study and Practice.*—This part of the examination presupposes a careful study of the works named below. The examination will be upon subject-matter, form and structure, and will also test the candidate's ability to express his knowledge with clear

ness and accuracy. The books for this part of the examination will be:

For 1906, 1907 and 1908, Shakespeare's Julius Cæsar; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essay on Addison and Essay on Johnson.

For 1909, 1910, 1911.

Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

Students admitted without Greek may begin the study of Greek in the Freshman year and go on to the regular courses in that language.

According to the "point" system the above requirements may be summarized as follows:

For admission to the Freshman Class, 26 points must be offered by the student: of these, required subjects count 19 points, and the remaining 7 may be selected from the optional subjects.

To count 2 points, a subject must be pursued for one school year, with five recitation periods a week.

REQUIRED SUBJECTS.

College Entrance English	Counts	4 points
Latin	"	8 "
Algebra	"	4 "
Plane Geometry	"	2 "
Roman History	"	1 "

OPTIONAL SUBJECTS (7 POINTS).

(If Greek is not taken, French or German must be; and if Greek is chosen, Greek History must be taken also.)

(If Modern Languages are chosen, not less than 4 points will be accepted.)

Greek	Counts	6	points.
Each year of French	"	2	"
* Chemistry	"	2	"
* Physics	"	2	"
* Biology	"	2	"
Advanced Mathematics	"	2	"
Solid Geometry	"	1	"
Each year of German	"	2	"
Greek History	"	1	"
English History	"	1	"
American History and Civil Government	"	1	"
Physiology	"	1	"

This outline is substantially as recommended by the Maine Association of College and Preparatory Schools.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the college. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

*The work in the sciences must include certified note-books exhibiting the results of experimental work performed by the students.

Certificates of regular dismission will be required from those who have been members of other colleges.

Students of good character who are prepared to do college work, may be admitted to special courses under the direction of the Committee on Registration. All students who can do so are advised to matriculate for a degree, and no one will be allowed to use the privilege here offered for the purpose of securing a merely nominal connection with the college. Special students are subject to the same regulations regarding attendance and examinations as candidates for degrees, and must take fifteen hours of class-room work per week.

The regular examinations for admission to college begin on Monday preceding Commencement, and on Monday preceding the first day of the Fall Term.

Courses of Instruction.

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive.

All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY.

The courses in this department are as follows:

I. Christian Ethics. The aim of this course is to derive from the life and teachings of Christ the ideals and principles that are permanently applicable to human conduct, and to show their relations to the problems of individual character and of social progress presented in the life of today. The Bible and Stalker's "Life of Christ" are used as text-books. There is a constant endeavor to make the work practical. To this end, topics requiring special reading are assigned, essays and discussions are prescribed, and occasional talks and lectures are given. Freshman year, first term; one hour a week.

II. Psychology. James's "Briefer Course" as far as Chapter XI. An attempt is made to combine the methods of

the "New Psychology" with those of the "Old." Mental life is studied so far as possible in its relation to neural conditions. The nature and processes of the various orders of sensation are exemplified from every-day experiences. It is the constant aim to translate principles into facts; to explain abstractions by particular instances. Simple experiments for determining reaction time for the different senses are introduced. Each student selects from a prescribed list certain habits to form and carefully notes and records the results. The tests and examinations are given for the purpose of determining how far the knowledge gained can be applied. Junior year, third term; three hours a week.

III. Psychology. James's "Briefer Course" from Chapter XI. The text-book is supplemented by talks, informal lectures, and required reading. The student is encouraged to compare the authorities consulted with the conclusions that he derives from introspection; and an attempt is made, especially in the study of Attention, Association, Imagination, and Memory to discuss and compare differences in mental individuality. So far as practicable, Psychology is made to shed light on the problems of Education and to yield practical suggestions to teachers. In the consideration of the Instincts, the Emotions, and the Will, the work is conducted largely from the ethical as well as the pedagogical point of view. Senior year, first term; three hours per week.

IV. Logic. Special effort is made to elucidate the mental processes involved in the formation of Concepts, in Deductive Logic, and particularly in Induction and the Scientific Method. Attention is directed to the grounds of induction and the validity of knowledge and, as much as the time allows, to historic inquiry into the rise and relationship of the various schools of philosophic thought. Senior year, second term; Three hours a week. Elective.

V. Ethics. The text-book is supplemented by lectures, discussions, and special reading. Ethics and Evolution are discussed in their relation to each other and are shown to be in harmony. The various Theories of Morals are reviewed, and Perfection, or the Good, is shown to be the true ideal. The Good and the Right are found to be only different aspects of the same principle; and both Self-Love and Altruism are shown to be as essential in Morality as in Evolution. The continuous purpose disclosed by Evolution necessitates belief in God and shows the dependence of Morality upon Religion. The moral Ideal proves to be the Christian Ideal, and the Kingdom of God the Kingdom of the Good and Right. Christianity is found to be the final outcome of Evolution in Religion. Senior year, third term; three hours a week. Elective.

VI. History of Education and Pedagogy. This course, while based upon Monroe's Text-book in the History of Education, is supplemented throughout the year with lectures by the instructor, and with required reading and reports by the student. It is intended primarily for students expecting to teach, but the work is made comprehensive enough to justify its place in the college curriculum as an elective open to all the Seniors.

I. The first term's work is given to an historical survey of the educational ideas of the ancient world. By tracing from their inception to their conclusion the conceptions of these nations a solid foundation is laid for judgment upon many of our modern problems. Egypt, India, China, and the Hebrews are briefly considered and their ideas summarized. A more thorough study is made of the ideas of Greece and Rome, not only because they are the direct antecedents of our modern civilization but also because many of their ideas are of inherent worth. Practical inferences both as to the content of their conception and as to their methods are kept permanently before the student.

II. The work of the second term begins with a study of the changes in the conception of education wrought by the introduction of Christianity into the world. Following this the work of individual reformers is taken up and Rabelais, Montaigne, Bacon, Comenius, and Rosseau, and the movements for which they stood, are considered. Their work and methods will be critically examined and the elements of value sifted from the mass of formal detail.

III. The work of the third term is consistently psychological and practically pedagogical. The modern educators whose names have become household words in educational science will be studied and their work made to serve as the basis for a thorough investigation into the psychological principles underlying all educational work. Grounded upon the conclusions of the two preceding terms, definite constructive work will be undertaken and the nature of the best approved methods mastered.

This work is a three hour course throughout the year.

GREEK.

1. Lysias. In connection with the orations of Lysias we study the methods of administration of justice at Athens in the time of Lysias; the events which led to the establishment in power of the Thirty Tyrants and to their overthrow; and the topography of Athens and the Peiraeus.

Some time is spent in sight translation of Greek into English. Three hours; first term.

2. Herodotus and Thucydides. In connection with the study of Extracts from the Histories of these authors we become somewhat familiar with the history of the Persian Wars; with the history of the founding of the Athenian Empire; with the causes, the history and the results of the Peloponnesian War.

Some time is spent in translation at sight. Three hours; second term.

3. Demosthenes, Philippics or Olynthiacs. With the study of these orations we give attention to the life and times of Demosthenes; to his career as an orator; and incidentally we compare his oratory with that of Cicero and modern orators. Three hours; third term.

Courses 1, 2, and 3 are required of all Freshmen who offer Greek for entrance.

4. Drama. In connection with the study of one of the Dramas of Æschylus or Sophocles we give much attention to the history of the Greek Drama; to the construction of the Greek Theatre; and to the teachings of the Greek Chorus. Three hours; second term. Elective for Sophomores.

5. Plato. The Apology of Socrates and portions of the Phædo or the Apology and Crito. In connection with the study of the Greek we give much attention to the life and times of Socrates; to the character of his teachings and to the genius of Plato; and incidentally we become acquainted with the other prominent disciples of Socrates. Three hours; third term. Elective for Sophomores.

The following courses in Greek are for those members of the Freshman Class who enter college with a preparation in French and German instead of Greek, and who wish to study Greek in the Freshman year. Suitable courses will be arranged for such students during their Sophomore year.

1, *a*. White's *First Greek Book*. Five hours; first term.

2, *a*. Continuation of Course 1 *a*, and the *Anabasis* begun. Five hours; second term.

3, *a*. The *Anabasis*. Five hours; third term.

LATIN.

Latin is offered throughout the four years, three hours a week, and is required of all Freshmen. The courses for Juniors and Seniors are given in alternate years, and are open to both classes.

1. Livy; Selections from Books XXI and XXII. Review of the syntax of the Latin verb and noun. First term.

2. Selections from Latin Poets. Ennius, Catullus, Tibullus, Ovid, Phædrus, Seneca, Martial, (*The Harvard Selections).* Lectures on the history of Latin literature. Second term.

3. Horace: Odes and Epodes. Study of Horatian meters. Third term.

4. Cicero: *De Senectute* and *De Amicitia*, with special attention to interpretation. Elective for Sophomores. First term.

5. Latin Comedy: *Menœchmi* of Plautus and *Phormio* of Terence. Lectures on the relation of the Latin to the Greek comedy. Elective for Sophomores. Second term.

6. Latin composition. Elective for Sophomores who have completed Course 4. Third term.

7. Juvenal: Selected Satires. Martial: Selected Epigrams. Roman private antiquities. Elective for Juniors and Seniors who have completed at least one elective course. First term.

8. Tacitus: Annals, Books I–IV. Life of Tiberius. Elective for Juniors and Seniors who have completed at least two elective courses. Second term.

9. Pliny the Younger: Selected Letters. Elective for Juniors and Seniors who have completed at least two elective courses. Third term.

10. The Elegiac Poets of the Augustan Age. Tibullus, Propertius, and Ovid. Elective for Juniors and Seniors who have completed at least one elective course. First term. Omitted in 1905–06.

11. Cicero: *Tusculan Disputations*, Book I, and *The Dream of Scipio*. Cicero as a student of philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Second term. Omitted in 1905–06.

12. Lucretius: *De Rerum Natura*. Brief outline of ancient philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Third term. Omitted in 1905–06.

GERMAN.

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years, three hours per week.

The aim of the required work is the acquisition of a thorough knowledge of the fundamentals of German grammar and the ability to translate into good English fairly difficult German prose and poetry. The aim of the elective work is a sympathetic literary interpretation of all texts read, an introduction to the masterpieces of the German drama of the classical period, a general knowledge of the history of German literature and a comprehensive view of the tendencies in German literature since Goethe's death.

Careful drill in pronunciation and the intelligent reading of the German text are insisted upon. Some practice in conversation is given, and German is used in the class-room as far as is deemed advisable by the instructor. In the elective courses a large amount of collateral reading outside the class-room is expected. Advanced grammar and composition are not lost sight of throughout the course, although no specialty is made of these subjects after the first year.

1. Elementary Course. Grammar. Easy prose composition. Three hours; first term.

2. Elementary Course. Translation of easy German prose. Grammar. Prose composition. Three hours; second term.

3. Elementary course. Translation of German prose and poetry. Prose composition. Grammar. Three hours; third term.

(Courses 1, 2, and 3 required of all Sophomores who did not present German for entrance).

4. German Literature of the Eighteenth Century. Lessing: *Minna von Barnhelm*, *Nathan der Weise*. Lectures on Lessing's life and works. History of German Literature from 1500 to 1748 in brief outline. Outside reading in Baumbach.

(Elective for Juniors who have passed in German 1, 2, and 3).

5. German Literature of the Eighteenth Century. Schiller: *Wilhelm Tell*, *Die Jungfrau von Orleans*. Selections from Schiller's ballads and lyrics. Lectures on Schiller's life and works. History of German Literature from the earliest times to 1050 in brief outline. Outside reading in Wildenbruch.

(Elective for Juniors who have passed in German 4).

6. German Literature of the Eighteenth Century. Goethe: *Hermann und Dorothea*, *Goetz von Berlichingen*. Selections from Goethe's poems. Lectures on Goethe's life and works. History of German Literature from 1050 to 1500 in brief outline. Outside reading in Keller.

(Elective for Juniors who have passed in German 5).

7. Goethe: *Faust*. Part I and selected portions of Part II. In addition to a critical study of the text, special attention is given to the history of the *Faust* legend and the life of

Goethe as reflected in the *Faust*. Outside reading in connection with the *Faust* theme.

(Elective for Seniors who have passed in German 6).

8. German Literature in the first half of the Nineteenth Century. Kleist: *Prinz Friedrich von Homburg;* Grillparzer; *Der Traum, ein Leben;* Heine: *Die Harzreise*, *Buch der Lieder*. Outside reading in Eichendorff and Storm.

(Elective for Seniors who have passed in German 6).

9. German Literature in the second half of the Nineteenth Century. Selections from the works of Fulda, Wildenbruch, Sudermann, and Hauptmann. Outside reading in Seidel.

(Elective for Seniors who have passed in German 6).

10. German Seminary. Special work with advanced students. *The Storm and Stress Period* in German Literature.

11. Teacher's Course. A general review of German grammar. Essentials of phonetics. Practice in conversation. Discussion of the theories of instruction in the modern languages. One hour; second and third terms.

(Courses 10 and 11 do not count for a degree).

ROMANCE LANGUAGES.

FRENCH.

The aim of the required courses in French is to give the student a thorough drill in grammar and pronunciation, facility in translation of easy prose, some knowledge of composition, and the power to express himself intelligibly on familiar subjects in the spoken French language. The texts for reading have been selected from the works of the best modern writers. Freshmen entering with one or more years of French will be required to do the advanced work indicated instead of Courses 1, 2, and 3.

The elective work has been arranged with a view to meeting the requirements of students who desire a literary as

well as a linguistic knowledge of French. The growth and development of French literature through the seventeenth, eighteenth, and nineteenth centuries will be shown from the works read and criticized, and from the discussion of special topics introduced at suitable points; while linguistic studies will be continued throughout the elective courses by means of progressive exercises in composition including conversation, dictation, memorizing of fables, anecdotes and poems, study of idioms and special grammatical subjects. Careful attention will be given to the study of the life and times of the authors read, as well as to the rise and growth of various literary and political institutions of France. At least one hundred fifty pages from French texts, as home reading, will be required with each elective course, and not less than two tests will be given on such texts, each term. These courses are sequential; and while they may be dropped at any point, they may not be resumed when once abandoned, since each course involves a knowledge of those preceding. In the Senior year a prize of ten dollars is offered for the greatest number of pages, from selected French texts, read at home and properly reported upon.

The course in history of French literature includes an historical study of the language, showing the relations of classical and popular Latin to modern French; a careful survey of the first and second Romantic periods; a brief review of early humanism; investigation of the origin of the Renaissance; discussion of the French Revolution with reference to literature, and many other special topics of like importance.

1. Fraser and Squair's grammar, with exercises in dictation, conversation, and composition. Required of all Freshmen having no knowledge of French. Two hours; first term.

1. *a*. Reading in class of Daudet's *Tartarin de Tarascon* and at home of a collection of short stories by the same author. Careful study of pronunciation, with dictation and memoriza-

tion of anecdotes. Required of Freshmen who have had one year of French. Two hours; first term.

1. *b.* Reading of Lamartine's *Jeanne d' Arc* in class and of Saintine's *Picciola* at home. Exercises in dictation and memorization. Required of Freshmen who have had two years of French. Two hours; first term.

1. *c.* Reading in class from Balzac and at home of Feuillet's *Jeune Homme Pauvre.* Exercises in dictation and memorization. Required of Freshmen who have had three years of French. Two hours; first term.

2. Continuation of Course 1, with reading in class of *Le Conscrit de 1813*, and at home of Bruno's *Tour de la France.* Required of all Freshmen who have completed Course 1. Three hours; second term. For additional Freshman course, see Course 4.

3. Continuation of Course 2, with class reading of *Madame Thérèse* or *Waterloo*, and at home of selected short stories. Required of all Freshmen who have completed Course 2. Three hours; third term.

3. *a.* Reading of Hugo's *Notre-Dame de Paris.* Required of all Freshmen who had studied French before entering college. Three hours; third term.

4. Reading and criticism of seventeenth century writers; Corneille, *Le Cid*, *Cinna*, *Polyeucte.* Study of the life of Corneille and his relation to the Spanish drama. Elective for Sophomores who began French after entering college, and required of all Freshmen who had studied French before entering. Three hours; second term.

5. Continuation of study of seventeenth century writers: Racine, *Esther*, *Athalie*, *Iphigénie*, *Andromaque;* Madame Sévigné, selected letters. Study of Boileau and the salons. Elective for Sophomores who have completed Course 4. Three hours; third term.

6. Reading in class-room of Molières *L'Avare*, *Les Précieuses*, *Ridicules*, *Les Femmes Savantes*, *Le Bourgeois*, *Gentilhomme*, *Tartuffe*. Special study of the Age of Louis XIV, and the Hôtel de Rambouillet. Weekly reports on collateral reading from French texts. Elective for Juniors who have completed Course 5. Three hours; first term.

7. Reading in class-room of selected works of Voltaire, Marivaux, Beaumarchais, and Bernardin de St. Pierre. Special study of the social and religious conditions in France during the eighteenth century. Weekly reports on collateral reading assigned from Rousseau's *Emile*. Elective for Juniors who have completed Course 6. Three hours; second term.

8. Study of nineteenth century authors: Chateaubriand, *Atala*, *Renè*; Lamartine, selections from the *Méditations*, *Graziella*; De Musset, selected lyrics and dramas. Reading of Carlyle's *French Revolution*. Reports on collateral reading from French texts. Elective for Juniors who have completed Course 7. Three hours; third term.

9. Study of Hugo: *Hermani*, *Ruy Blas*, selections from the novels and lyrics. Reading of Pellissier's *Literary Movement in France during the Nineteenth Century*, and Hugo's life. Elective for Seniors who have completed Course 8. Three hours; first term.

10. Reading in class-room of selections from Sainte-Beuve's *Causeries du Lundi* and from Madame de Staël and George Sand. Study of the history of the French Academy and of La Comédie Française. Reports on collateral reading. Review of the grammar with reference to teaching. Elective for Seniors who have completed Course 9. Three hours; second term.

11. Selected dramas of Coppée, Sardou, Rostand. Selections from Pierre Loti, Daudet, for sight reading. Review of

grammar continued. Elective for Seniors who have completed Course 10. Three hours; third term.

12. History of French literature, with readings from best writers and lectures on special topics. This is largely a library course. Open to Juniors and Seniors two hours per week, three terms, alternate years.

ITALIAN.

Students electing Italian will be required to continue the subject throughout the year.

1. Grandgent's Italian grammar and Bowen's Italian reader. Exercises in dictation, conversation, and composition. Elective for Juniors and Seniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, and composition from Grandgent's text. Reading in class of Testa's *L'Oro e L'Orpello* and Goldoni's *La Locandiera*, and at home of De Amicis' *Cuore*. Dictation and conversation. Elective for Juniors and Seniors who have completed Course 1. Three hours; second term.

3. Goldoni's *Il Vero Amico*, selections from Manzoni's *I Promessi Sposi;* first, second, and third cantos of Dante's *Inferno*. Elective for Juniors and Seniors who have completed Course 2. Three hours; third term.

SPANISH.

Students electing Spanish will be required to continue the subject throughout the year.

1. Ramsey's Spanish grammar and reader. Exercises in dictation, conversation, and composition. Elective for Juniors

and Seniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, composition, and conversation. Reading in class-room of Padre Isla's translation of Lesage's *Gil Blas*, and Caballero's *La Familia de Alvareda*. Home reading: Fontaine's *Cuentos Escogidos*, Vega's *El Indiano*, Valera's *El Pájaro Verde*. Elective for Juniors and Seniors who have completed Course 1. Three hours; second term.

3. Continuation of grammar, composition, and dictation. Reading in class-room of Alarcón's *El Capitán Veneno* and selections from *Don Quijote*. Home reading: Alcarnón's *El Final de Norma and* Galdós' *Marianela*. Elective for Juniors and Seniors who have completed Course 2. Three hours; third term.

ENGLISH.

1. Rhetoric and Composition. The thorough study of Hill's "Principles of Rhetoric;" the writing of weekly themes on assigned and elective topics; the systematic study of the Principles of Composition parallel with the written work of the class. Required reading of at least one standard prose work.

Three hours; first term.

2. Composition. Continuation of Course 1. Study of the Elements and Qualities of Style; exercises demanding an application of the knowledge gained. Practice in Exposition. Required reading.

Three hours; second term.

(Courses 1 and 2 are required of all Freshmen).

3. Composition. Practice in Description, Narration, and Criticism. Required reading of selections from different authors. The purpose of Course 3 is to teach the students,

not only to write better, but also to perceive and appreciate the distinguishing qualities of the best books.

Three hours; first term.

4. Argumentation. The study of Argumentation and Debating; text-book, G. P. Baker's "Principles of Argumentation." Required reading of masterpieces. Brief-drawing. The preparation and delivery of debates.

Three hours; second term.

(Courses 3 and 4 are required of all Sophomores).

5. Advanced Composition. The work is adapted, so far as practicable, to the needs and tastes of each student.

Three hours; third term.

NOTE.—All written work in Courses 1 to 5 is corrected and returned to the writer with criticism and suggestions. Every student is required to meet the instructor at stated hours for conference. Hours are also set apart for voluntary conference.

The drama. Lectures on the origin and development of the drama, and its history from Æschylus to Shakespeare. Critical study of selected plays of Shakespeare, with required reading of other works of the Elizabethan age. Outline History of English Literature, one hour each week.

Four hours; first term.

(Required of all Juniors).

7. Literature of the Seventeenth and Eighteenth Centuries. Critical study of selected works of prose and poetry, with lectures on the literary history and biography of the period. Required reading of other works, with research in the Library; reports, abstracts, and discussion in class.

Four hours; second term.

8. Literature of the Eighteenth and Nineteenth Centuries. Critical study of selected works, with lectures. Required reading of other works, and investigation of special topics.

Four hours; third term.

9. Lectures on literary criticism, with special reference to fiction. Reading of selected works of the Nineteenth Century. Investigation of topics in literary history and criticism.

Four hours; first term.

10. History of the English Language. (First six weeks). Critical study of Chaucer: Prologue to The Canterbury Tales, and two of the Tales. Topical study of English history in the time of Chaucer. (Last six weeks).

Four hours; second term.

11. English Literature of the Nineteenth Century. Seminary. Special study of Tennyson and Browning.

Four hours; third term.

(Courses 7 to 11, inclusive, are elective for Juniors and Seniors).

12. Teachers Course. Designed for those who expect to teach English in secondary schools.

Extra 1 hour per week; second and third term.

SOPHOMORE PRIZE DEBATES.

Preliminary Debates.—All Sophomores are required to take part in these debates, the subjects of which are announced in the first term of Freshman year. A prize for excellence in debate is awarded in each division of the class.

Second term.

Champion Prize Debate.—The speakers presenting the best arguments in the Preliminary Debates compete in the Champion Prize Debate, held during Commencement week; all other Sophomores present Essays on a prescribed subject, in competition for a prize.

Third term.

REQUIRED COMPOSITION WORK OF JUNIOR AND SENIOR YEARS.

This work, in continuation of that done in courses 1 to 5, is required of all members of the Junior and Senior classes,

whether they elect English or not. An essay is presented in each term as follows:

6[1]. Essays based on the study of masterpieces of Exposition or Persuasion.

Junior year, first term.

7[1]. These on subjects requiring extended investigation.

Junior year, second term.

8[1]. Original declamations on assigned subjects. Each member of the Class reads his declamation before a committee, by whom the best twelve are selected for delivery in a prize contest during Commencement week.

Junior year, third term.

9[1]. Essays in criticism of some classic in English or American fiction.

Senior year, first term.

10[1]. Original Parts for the Senior Exhibition. Each student reads his part before a committe, who choose twelve to speak in the Exhibition.

Senior year, second term.

11[1]. Commencement Parts. Every member of the class writes a part, but the Commencement speakers are chosen on the basis of scholarship.

Senior year, third term.

MATHEMATICS.

1. Algebra. Ratio and proportion, variation, series, binomial theorem, undetermined coefficients, logarithms, permutations and combinations, probability, continued fractions, theory of equations, graphic algebra. (Well's College Algebra.) First term; four hours each week.

2. Geometry. Solid geometry, which includes polyhedral angles, the various solids bounded by planes, the cone, the cylinder, and the sphere. This course includes a large amount

of original work in demonstration and computation. (Phillips and Fisher.) Second term; four hours each week.

3. Trigonometry. Plain and spherical Trigonometry, with problems and applications. (Wells.) Third term; four hours each week.

(Courses 1, 2, and 3 are required of all Freshmen. A brief elective course is given in elementary surveying, largely by lectures.)

4. Plain Analytical Geometry. (Nichols.) First term; three hours each week.

5. Plane Analytical Geometry, including Higher Plane Curves, completed. Four weeks of second term; three hours each week.

5^1. Analytical Geometry of three dimensions (Nichols.) Last eight weeks of second term; three hours each week.

6. Differential Calculus with applications (Taylor). Third term; three hours each week.

(Courses 4, 5, 5^1, and 6, are elective for Sophomores, or any others who may have taken Courses 1, 2, and 3.)

7. Differential Calculus completed. First term; two hours each week.

8. Integral Calculus, with applications (Taylor.) Second term; two hours each week.

9. Integral Calculus completed. Third term; two hours each week.

(Courses 7, 8, and 9 are elective for Juniors, or any others who may have taken the previous courses.)

CHEMISTRY.

Work in this department includes recitations, lectures, and laboratory practice, and continues through the Sophomore, Junior, and Senior years. The study begins with lectures

and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

1. Inorganic Chemistry, the non-metals. This course is devoted to the elementary principles of the science. It deals with the nature and properties of a few common elements and the application of the fundamental laws and theories concerning their combination. Recitations and experimental lectures. Three hours; second term.

2. General and Experimental Chemistry. A continuation of Course 1, dealing largely with the metallic elements and including a few of the more common carbon compounds. Recitations and lectures with laboratory work. Three periods; third term.

Courses 1 and 2 are required of Sophomores.

3. Qualitative Analysis. An inductive course of basic analysis, and the preparation of a variety of inorganic salts.

Three exercises (six hours); first term. Elective for all who have taken Courses 1 and 2.

4. A continuation of Course 3. Acid and blowpipe analysis, and the separation of a large number of mixed compounds.

Three exercises (six hours); second term. Elective for those who have taken Course 3.

5. Organic Chemistry. An introduction to the study of the compounds of carbon. The fatty series and benzol derivatives.

Three exercises (six hours); third term. Elective for Juniors.

6. Quantitative Analysis. Laboratory practice in the use of the methods of gravimetric and volumetric analysis;

separation and estimation of metals, acids, and water of crystallization, with special work on ores, alloys, and mineral water.

Three exercises (six hours); first half of year. Elective for Seniors who have taken Courses 3 and 4.

7. General Organic Chemistry. Quantitative work. Lectures and Laboratory work.

Three exercises (six hours); second term. Elective for students who have taken Courses 5 and 6.

8. Physiological Chemistry. Lectures and Laboratory work.

Three exercises (six hours); third term. Elective for Seniors.

PHYSICS

Physics is required of all Sophomores. It is elective to all Juniors and to such Seniors as have completed the elective work in Mathematics.

1. Elementary Mechanics and Sound. This as well as courses 2 and 3, involves only elementary mathematics. Lectures and recitations three hours. Sophomore required course, first term.

2. Light and Heat. Lectures and recitations three hours; Sophomore required course, second term.

3. Electricity and Magnetism. Lectures and recitations three hours; Sophomore required course, third term.

4. General laboratory work in mechanics and sound. Each student is required to hand in a neat and comprehensive report of each experiment performed. Two exercises, (six hours) first term. Elective to Juniors.

5. Heat and light. Continuation of Course 4. Two exercises (six hours), second term. Elective to Juniors who have taken Course 4.

6. Electricity and magnetism. Continuation of Course 5. Two exercises (six hours), third term. Elective to Juniors who have taken Course 5.

7. Introduction to mathematical physics, including applications of the calculus to physical problems and study of elementary differential equations. Three hours, first term. Elective to Seniors who have completed Course 6, and Mathematics 9.

8. Electricity and magnetism. Advanced theoretical and laboratory work. Three hours, second term. Elective to Seniors who have completed Course 7.

9. Physical manipulation. This course is designed to aid students who expect to teach physics, in becoming familiar with the simpler operations in the laboratory. It includes elementary bench and lathe work, soft and hard soldering, simple glass blowing, the operation and care of electrical machinery and photography. Three hours, third term. Elective to Seniors who have completed Course 8, and a limited number of those who have completed Course 6.

GEOLOGY.

The course in Geology, elective for the Seniors, begins with the second term and continues throughout the year. Le Conte's Elements of Geology is the text-book used.

1. The first term's work is devoted to Structural and Dynamical Geology. The forces now modifying the physical condition of the earth will be carefully studied as the basis upon which to base our conclusions concerning geological time. Such work in mineralogy as is necessary for identifying the different rocks and minerals found in this region will be given in connection with this term's work.

2. Having laid the foundation for our conclusions, the second term's work is devoted to a study of the life forms

which characterized the different eras, ages, periods, and epochs of the earth's history. The laboratory method will be employed as far as practicable. Frequent excursions will be made to various points of interest around Lewiston, and the students will be encouraged to verify by personal observation the statements of the text.

The richness of the country near in minerals and in various dynamical features makes this work extremely helpful and instructive.

This work is a three hour course for the two terms.

ASTRONOMY.

The course in Astronomy occupies the first term of the Senior year and is elective for that class. The text used is Young's Manual of Astronomy. While the work will be largely descriptive, such mathematical principles as are required for understanding the practical applications of this science will be mastered. By a series of observations the student will become acquainted with the various constellations and the more important fixed stars. Various photographic slides for the stereopticon will assist the student in getting a clear conception of some of the more interesting features of the heavens.

PHYSIOLOGY.

Instruction in this course is given by recitations, lectures, and laboratory demonstrations. The first few weeks of the course are spent in a careful histological study of the various tissues — including practical demonstrations with the microscope. In connection with the recitations upon physiological problems, lectures in hygiene are given. The practical value of the course is greatly augumented through the use of the Bock Stegers Anatomical Models of the heart, eye, ear, trunk, etc.; also by use of a human skeleton. As a text-book, Martin's Human Body is used. This course is required

for Freshmen who do not offer Greek for entrance, and is given during the first term, three hours; second term, three hours; third term, three hours.

BIOLOGY.

BOTANY.

1. Morphology, Physiology, and Ecology of Flowering Plants.

The method of instruction in this course consists of recitations upon the above subjects as they are developed by a study of the text-book, by lectures and in laboratory work, and also of a series of laboratory exercises, in which a careful study is made of the morphology of the various parts of the plant body. The seeds, roots, stems, leaves, flowers and fruit are taken up in succession; the structure and relation of these parts to the life processes of the plant are recorded in the laboratory note-book, by means of drawings and descriptive notes. Sufficient time is given to flower analysis so that each student has such practice as will make him familiar with the method of work. Considerable attention is given to field work.

The aim of this course is two-fold: (1) To give the student a general yet comprehensive knowledge of the life processes and structure of the flowering plants; and (2) to begin the training which is so essential to all scientific work—that of accurate observation.

Course 1 is given during the third term, three periods, and is required work for all Freshmen.

2. Typical Course on the General Classification of the Plant Kingdom.

The work of this course comprises recitations, lectures, and laboratory exercises. A study is made of the principles upon which modern classification is based. Type specimens representing the various groups and sub-divisions of the vegetable kingdom are taken up and studied as to their distinctive char-

acteristics, structure, etc., together with a consideration of the inter-relations of the groups.

In the laboratory the student studies and sketches most of the specimens taken up in recitation.

Field work constitutes an important part of this course. Weekly trips are taken into the surrounding country for the purpose of collecting and studying the plants in their natural environments. This field work is especially helpful in fixing in the student's mind the general classification of the plant kingdom.

It is the aim of the course to give the student a knowledge of what organisms the plant kingdom includes and how these same organisms are grouped in a general classification.

Course two is given during the third term, three periods, and is elective for Juniors.

3. Cryptogamic Botany.

This is a laboratory course, combined with some lecture and recitation work. It is mainly a study of the morphology of cryptogamic plants, beginning with the lowest Thallophytes. The work requires the use of the compound microscope quite constantly, and the members of the class obtain thereby a practical knowledge of the simpler manipulations of the microscope and preparations of sections. Each student is required to offer for inspection twenty-five stained and permanent sections. Carefully kept note-books with drawings and descriptive notes are required throughout the course.

The two chief objects of the course are: (1) the acquiring of a knowledge of the morphology of the cryptogams; and (2) accurate observations and correct interpretation of the same. The course is given during the first term, three periods (six hours), and is elective for Juniors and Seniors.

ZOÖLOGY.

1. General Principles of Zoölogy.

Instruction in this course is given by recitations. Its aim is to teach the general principles of the subject. The course follows chiefly the text of Hertwig's General Principles of Zoölogy; taking up the sub-divisions and history of the subject, the structure, development, and functions of cells, tissues, and organs, general embryology, etc.

The course is given during the first term, three hours, and is elective for Sophomores. Course 1 should be taken by any who contemplate future work in the subject.

2. Morphology, Biology, and General Classification of the Animal Kingdom.

The work of this course is carried on by recitations, lectures, and laboratory exercises. One of the chief aims of the course is the outlining of the principal groups of the animal kingdom, together with the study of their Biology, and Morphology. The laboratory work is confined to representatives of the chief groups of invertebrates. Typical forms are studied microscopically or dissected, and careful drawings with descriptive notes must accompany the laboratory work.

The course is given during the second term, three periods (six hours), and is elective for Sophomores.

3. Comparative Anatomy of Vertebrates.

Instruction in this course is given chiefly by laboratory exercises and lectures. Type representatives of the different groups of Vertebrata are very thoroughly dissected and studied in a comparative way, from the lower forms to the higher. All observations and records are kept by means of drawings and notes.

The course is intended especially for those who are particularly interested in Biological science, or who intend the future study of human anatomy and medicine.

Course 3 is given during the first term, three periods (six hours), and, in fact, the work of the course, as it is outlined in the above statement, extends throughout the year, including Courses 4 and 5. Course 3 is elective for Juniors.

4. Comparative Anatomy of Vertebrates.

As given in the statement above, this course is merely a continuation of the same kind of work as begun in 3. Course 4 is given during the second term, three periods (six hours), and is elective for Juniors.

5. Comparative Anatomy of Vertebrates.

This course continues the work of Courses 3 and 4. Course 5 is given during the third term, three periods (six hours), and is elective for Juniors.

6. Microscopic Technique.

In this course instruction is given by lectures and laboratory work. A study is made of the parts and use of the compound microscope, together with laboratory work upon the more essential methods of investigation. This involves practical work upon an invertebrate animal, in some of the more important methods of fixing, hardening, dehydrating, staining, clearing, imbedding, sectioning, and mounting.

The course is given during the first and second terms, three periods (six hours), and is elective for Seniors.

7. Histology.

The work is taken up by recitations, lectures, and laboratory exercises. The aim of the course is to teach the origin, development and structure of the more important animal tissues.

The course is given during the third term, three periods (six hours), is elective for Seniors, but open only to those who have taken Course 6.

ORNITHOLOGY.

1. Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the first term twelve lectures are given to the Freshman Class on the characteristics of birds — peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest list of birds observed and carefully identified between the first of December and the middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each.

2. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY.

1. The History of Civilization from the fifth century to the fifteenth of our era. An effort is made first to get a clear impression, as far as may be, of Roman civilization in its decline. The invasion of the western half of the Roman Empire by the Germans is then studied in broad outlines. Thereafter the attention of the students is directed mainly to the character, power, and ideals of the mediaeval church, the

consolidation of the new nationalities, and the gradual advance of the people at large in power and intelligence.

Sophomores. Three hours. First term. Elective.

2. Modern European History. This course will begin with the Renaissance and Reformation and follow the development during the last four hundred years of some one of the great European states. The state selected for 1906 is Germany.

Sophomores. Three hours. Second term. Elective.

3. English History. This course will cover the history of England from the time of Elizabeth to that of Queen Victoria. Attention will be chiefly drawn to the development of English liberty and to the growth of the Empire.

Sophomores. Three terms. Third term. Elective.

4. American History. The period of the formation of the Union, from about 1750 until about 1824, will be dealt with in some detail, after some introductory investigation on the part of members of the class in regard to the growth of the more important colonies. Should time permit, the study of the national development will be carried on to a later period, but the amount of ground covered will not be considered important as compared with thoroughness and sympathetic understanding.

Juniors. First term. Three hours. Elective.

5. American Constitutional History. In this course will be reviewed the growth and formulation of American ideas of liberty and self government. On the basis of what has already been studied an understanding will be sought of the ideas and experiments that made the Constitution possible, and the spirit of the Constitution itself will be studied in the light of its application, its interpretation, and the amendments that have been found necessary.

Seniors. First term. Three hours. Elective.

POLITICAL SCIENCE.

In this course the development of political thought will be studied with the object of finding and defining the fundamental principles of society and government.

Seniors. Second term. Three hours. Elective.

SOCIOLOGY.

This will be a course in theoretical, rather than practical, sociology. The greater part of the time will be spent in an effort to determine the nature and forms of social organization, and some of the more important phases of social action. Some special attention will be given to the expression of social ideals in art.

Seniors. Third term. Three hours. Elective.

ECONOMICS.

1. Economics. An introduction to the meaning and the elementary principles of Political Economy. The nature of wealth, the meaning of value, the principles of exchange, and the factors and conditions of production will be discussed and as far as possible cleared up. A text-book will be used, but unlimited criticism and discussion will be encouraged.

Juniors. Second term. Three hours. Required.

2. Economics. A more detailed study of aspects of the science not dealt with in the preceding term, such as Banking, International Trade, and the relation between Labor and Capital. The same general methods will be followed, but the subjects to be investigated will involve somewhat more research than that demanded by the more elementary study, and it will not always be considered possible to reach final conclusions.

Juniors. Third term. Three hours. Elective.

ELOCUTION.

FRESHMAN YEAR—SECOND TERM.

1. Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaneity; Freedom; Vocal Painting.

Vocal Training. Correct methods of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work one hour a week.

Prize Declamation, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR—FIRST TERM.

2. Development of logical instinct. Emphasis; Inflection; Touch; Subordination; Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone. Class work one hour a week.

Prize Declamation, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR—THIRD TERM.

3. Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work one hour a week.

SENIOR YEAR—THIRD TERM—ELECTIVE.

4. Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work one hour a week.

Open to young women only.

5. Study of different forms of oratory. Work on examples of each style, with training in gesture and attitude, as related to public speaking. Open to young men only.

Senior year. Third term. Elocution 4 and 5.

HYGIENE AND PHYSICAL TRAINING.

HYGIENE.

Lectures on Human Anatomy, Physiology, and Personal Hygiene. The lectures on Anatomy and Physiology are given as a foundation for the lectures on Personal Hygiene. Required of Freshmen. Second term.

The Director of Physical Training gives each young man entering the Freshman Class a thorough physical examination during the first term of his attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry, in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

PHYSICAL TRAINING.

1. Class exercises: Military drill, setting-up exercises, and Indian-club swinging. Squad exercises (graded to suit the strength of each division): Basket-ball, indoor athletics chest-weights, developing appliances, bar, rings, etc. From the first of November to first of April. Monday, Tuesday, Thursday, Friday. Required of Freshmen.

2. Class exercises: Setting-up exercises, dumb-bell drill. Squad exercises: Boxing, wrestling and heavy gymnastics, basket-ball, bowling, indoor athletics. Second term; Monday, Tuesday, Thursday, Friday. Required of Sophomores.

3. Class exercises: Setting-up exercises, fencing with single sticks and with broad-swords. Squad exercises: Basket-ball, indoor athletics, heavy gymnastics. Second term: Monday, Tuesday, Thursday, Friday. Required of Juniors.

PHYSICAL TRAINING FOR WOMEN.

Physical training is a necessary requisite for the best moral, mental and spiritual growth, in the attainment of strong, refined and useful womanhood. Accordingly, the aim of this department is to aid in the physical development of each young woman and to supervise the physical welfare of each during her college course.

Plan of work as follows:

The Director gives each young woman entering the Freshman Class a thorough physical examination including measurements and strength tests. These are taken again at the end of the Senior year, thus showing her increased strength and development in comparison with her first measurements and strength tests. The first two months of the Fall term and the greater part of the Spring term are spent in out-door sports. Every girl is urged and encouraged to take up some form of out-door exercise, such as tennis, walking or English field hockey. For these games the College affords ample facilities. The work in the gymnasium under the personal supervision of the Director begins the first of November and continues through the Winter term.

The gymnastic work is based upon the Swedish System. The exercises consist of a great deal of free-hand floor work and light apparatus work especially adapted to women. These

exercises involve the complete and powerful use of all the large groups of muscles, thus producing the essential hygienic effect, tending to correct all faulty postures and giving training in co-ordination. Games such as indoor basket-ball, volley-ball, captain-ball and many others played under the direction of the Director are of the greatest educational value. The form of gymnastics most sesential and desirable for women is the Classic or Aesthetic movements which train especially the sense of rhythm and power of co-ordination. The pracical results derived from this work are grace, ease of movement and bearing, together with a certain amount of endurance.

Practical talks and lectures in personal hygiene are given to the young women of the Freshman class.

Three hours a week required of Juniors, Sophomores and Freshmen.

Two hours a week required of Seniors.

Outline of Studies.

The figure preceding a subject indicates the number of the course in that study as explained on pages 21 to 53. The figure following a subject indicates the number of exercises per week. Electives are italicized. The left-hand column in the Freshman year shows the arrangement of courses for students who offer Greek for entrance; the right-hand column, the arrangement for others.

FRESHMAN YEAR.

First Term.

1	Latin	3	1	Latin	3
1 or 1 *a*	Greek	3	1	Physiology	3
1	English	3	1	English	3
1	Mathematics	4	1	Mathematics	4
1 or 1 *a*, *b*, or *c*	French	2	1 or 1 *a*, *b*, or *c*	French	2
1	Christian Ethics	1	1	Christian Ethics	1
1	Ornithology	1	1	Ornithology	1

Second Term.

2	Latin	3	2	Latin	3
2 or 2 *a*	Greek	3	2	Physiology	3
2	English	3	2	English	3
2	Mathematics	4	2	Mathematics	4
2 or 4	French	3	2 or 4	French	3
1	Elocution	1	1	Elocution	1
1	Hygiene	1	1	Hygiene	1

Third Term.

3	Latin	3	3	Latin	3
3 or 3 *a*	Greek	3	3	Physiology	3
1	Botany	3	1	Botany	3
3	Mathematics	4	3	Mathematics	4
3 or 3 *a*	French	3	3 or 3 *a*	French	3
2	Ornithology	1	2	Ornithology	1

SOPHOMORE YEAR.			JUNIOR YEAR.		
First Term.					
3	English	3	6	English	4
1	German	3	3	*Chemistry*	3
1	Physics	3	4	*German*	3
2	Elocution	1	6	*French*	3
4	*Mathematics*	3	4	*Physics*	3
4	*Latin*	3	4	*History*	3
1	*History*	3	3	*Botany*	3
4	*Greek*	3	3	*Zoölogy*	3
1	*Zoölogy*	3	7	*Latin*	3
			7	*Mathematics*	2
Second Term.					
4	English	3	1	Economics	3
2	German	3	4	*Chemistry*	3
2	Physics	3	7	*English*	4
1	Chemistry	3	8	*Latin*	3
5	*Mathematics*	3	5	*German*	3
5	*Greek*	3	7	*French*	3
2	*History*	3	5	*Physics*	3
5	*Latin*	3	8	*Mathematics*	2
2	*Zoölogy*	3	4	*Zöology*	3
4	*French*	3			

Third Term.

3	German	3	2	Psychology	3
2	Chemistry	3	2	*Economics*	3
3	Physics	3	3	*Elocution*	1
5	*English*	3	8	*English*	4
6	*Mathematics*	3	6	*German*	3
6	*Latin*	3	8	*French*	3
5	*French*	3	5	*Chemistry*	3
3	*History*	3	6	*Physics*	3
			5	*Zoölogy*	3
			9	*Latin*	3
			9	*Mathematics*	2
			2	*Botany*	3

SENIOR YEAR.

First Term.

3	Psychology	3	6	*Zoölogy*	3
9	*English*	4	1	*Spanish*	3
7	*German*	3	3	*Botany*	3
9	*French*	3	1	*Astronomy*	3
6	*Chemistry*	3	5	*History*	3
7	*Physics*	3	1	*Pedagogy*	3
10	*Latin*	3			

Second Term.

4	*Logic*	3	11	*Latin*	3
10	*English*	4	7	*Zoölogy*	3
7	*Chemistry*	3	2	*Spanish*	3
8	*Physics*	3	1	*Political Science*	3
8	*German*	3	1	*Geology*	3
10	*French*	3	2	*Pedagogy*	3

Third Term.

4	*Elocution*	1	9	*German*	3
5	*Ethics*	3	12	*Latin*	3
11	*English*	4	3	*Spanish*	3
8	*Chemistry*	3	8	*Zoölogy*	3
9	*Physics*	3	2	*Geology*	3
1	*Sociology*	3	3	*Pedagogy*	3
11	*French*	3			

After the first year students elect subjects enough to make not less than 15 exercises per week (16 including elocution) and not more than 19.

THE COMBINED COURSE.

This course permits students of the Sophomore, Junior, and Senior classes, who have the ministry in view, to elect each year one study in the classes of Cobb Divinity School. This enables the student to complete, while in college, the equivalent of one full year's work of the divinity course; so that upon graduating from the college, two more years in the divinity school will entitle him to graduate therefrom; thus reducing by one year the length of his entire course in college and divinity school.

Students pursuing this course will take the following studies in the divinity school: While Sophomores in college, New Testament interpretation with the Junior Class of the divinity school; while Juniors in college, New Testament interpretation with the Middle Class in the divinity school; while Seniors in college, Hebrew and Old Testament History with the Junior Class in the divinity school.

MAJOR AND MINOR SUBJECTS.

All candidates for the degree of Bachelor of Arts are required to choose electives with reference to major and minor

subjects. The following selections may be made: A major and two minors, two majors, or four minors. A major subject must cover at least three hours per week for three consecutive years. A minor subject is a similar course pursued for two consecutive years. In complying with the above conditions required subjects may count equally with electives. In making up their choices students are advised to consult with their class officer.

REGISTRATION.

The committee on registration are in session on the first day of each term and all students are required to register at that time unless previously excused. Students failing to comply with the above requirement are charged one dollar for subsequent registration, and this sum will be collected with their term bills.

HONORS.

The method of awarding honors and assigning Commencement parts is as follows: Eight honors are given for general scholarship throughout the college course—four to young men and four to young women. Two honors, one to a young man and one to a young woman, are given in each of the following departments: Philosophy (including History, Economics, Psychology, Ethics and Logic), Ancient Languages, Modern Languages, English and Elocution, Mathematics and Physics, Chemistry and Biology.

From the twenty persons receiving these honors five young men and five young women are selected by a committee to deliver Commencement parts.

LABORATORIES.

CHEMICAL.

On the first floor of Hedge Laboratory are the chemical lecture room, with rooms adjoining for chemicals and apparatus, and a class laboratory room fitted up with tables and sinks sufficient to accommodate thirty-two students. The large room for the general laboratory work of the classes occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories.

PHYSICAL.

The department comprises a well-arranged lecture-room, a large and well-appointed general laboratory and apparatus room, a dynamo room and workshop, and a dark-room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing.

BIOLOGICAL.

Excellent accommodations have been prepared in Science Hall for a Biological laboratory and recitation rooms. These are fitted with the necessary appliances and afford ample opportunities for thorough and extensive work in this department.

CABINETS.

BOTANICAL.

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—

especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are, also, collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are, also, some fifteen hundred duplicates. All these collections are in cabinets of the most approved construction.

MINERALOGICAL.

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value. Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL.

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about one thousand specimens.

LIBRARIES.

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets),	* 24,742
Divinity School Library,	4,994
Eurosophian Society Library,	609
Total,	30,345

The College Library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference. It is increased each year by a regular appropriation. It is open seven hours a day for consultation and the delivery of books.

UNIVERSITY EXTENSION.

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the secretary of the Faculty.

GYMNASIUMS.

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new

* This includes about 600 volumes donated by the Polymnian Society.

and of the most approved modern pattern. In the basement of the Gymnasium are a pair of excellent bowling alleys; also convenient bathrooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

The women's dormitory contains a gymnasium sixty by forty feet and twenty feet high. Adjoining the gymnasium are the Director's office, bath and locker rooms. The office contains a set of anthropometric apparatus; the bath and locker room, four shower baths, one hundred and fifty-six lockers. All the apparatus is new and of the latest pattern, selected and arranged for work that combines the best points of the different systems of physical training. The equipment includes a complete set of Swedish apparatus, developing appliances, foils, marks, jackets for fencing, Indian clubs, dumb-bells, barbells. The floor is arranged for indoor gymnastic games, such as indoor base-ball and basket-ball.

Ten fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD.

The Garcelon Athletic Field is considered one of the best in New England. It has a tasteful and commodious Grand Stand, sufficient for all present needs. The field, surrounded by a fence, is seven acres in extent. It contains a quarter-mile track, two hundred and twenty yard straight-away, take-offs for the jumps and pole vault, foot-ball field, base-ball diamond, and three excellent tennis courts.

RELIGIOUS EXERCISES.

At the close of the first morning recitation each day all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture and singing. The Students' Christian Associations,—Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association

room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also hold a meeting Sunday mornings from 9.30 to 10 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are on Mondays from 6.30 to 7.15 P. M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for meetings with a religious purpose. A sermon, to which the public is invited, is preached in the chapel at 2.30 P. M. It is hoped that Christian friends of the College generally will remember this day.

COLLEGE MAGAZINE.

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES.

The College has no secret societies. It is doubtless owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PIÆRIAN. The last is a new society, organized in the spring term of 1897. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evening, and are occasions not merely of social pleasure, but of most useful drill.

The programmes contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in college, and hardly second in utility to any department of the curriculum.

YEARLY EXPENSES.

Tuition,	$50.00	$50.00
Suites of rooms for young men, including heat (two in a suite),	22.50	to 37.50
Board (37 weeks, from $2.00 to $3.00 per week),	74.00	to 111.00
Lights, laundry, books, etc.,	20.00	to 30.00
General expenses,	21.00	24.00
Total,	$187.50	$252.50

Students taking Laboratory courses in Chemistry, Physics, and Biology are charged an extra fee of three dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart and hand-book.

Board in private families (laundry, fuel, etc., included), $4.00 to $5.00 per week. Rooms in private families, without board, can be obtained at reasonable prices. Arrangements have been made by which healthful and palatable food can be obtained in one of the College buildings at a cost not exceeding two dollars per week to each student.

Students are advised in regard to selecting their rooms and boarding places, and all students rooming in College buildings are held responsible for the rent of the rooms selected unless other satisfactory arrangements are made with the Assistant Treasurer.

College bills for the First Term must be paid by October 15th, and for the Second Term by March 1st. Students

unable to pay their bills on or before the above dates are required promptly to present to the Faculty in writing their reasons why further time is necessary. Bills for the Third Term must be paid by May 1st. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

Young men desiring information about rooms in the College dormitories should write to Professor J. H. Rand.

Young women desiring similar information should address Dean Caroline E. Libby.

EXAMINATIONS.

Written examinations are given at the close of each term and at such other times as the instructors may determine.

RANK BILLS.

These are sent to the parent or guardian of each student at the close of every term.

DEGREES.

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the requisite courses.

The Degree of Master of Arts is conferred on graduates of the College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and theses. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates. Further information on this subject may be obtained by writing to the Secretary.

BUILDINGS.

HATHORN HALL.

Hathorn Hall, a beautiful and substantial building of three stories, contains the College Chapel, eight lecture rooms, the President's and the Assistant Treasurer's offices, a large study and a cloak room for women students, and the rooms of the Eurosophian and Polymnian societies. Through the generosity of successive classes, nearly all the rooms in this building have been finished and furnished with excellent taste. Hathorn Hall takes its name from John and Mary Hathorn, of Woolwich, Me., who in the early history of the institution contributed generously toward its erection.

PARKER HALL.

Parker Hall affords lodgings for about one hundred young men. It has just been renovated and modernized. The floors throughout are of hard wood. It is heated by steam and lighted by electricity. The rooms are arranged in suites, each consisting of a study and a bedroom. A commodious reception room (yet to be furnished), ample shower baths and other sanitary arrangements, and convenient and tasteful student apartments, render this hall one of the most homelike and satisfactory college dormitories in New England. In this building, also, are the rooms of the Christian Association and of the Piaerian Society. The base-ball cage in the basement affords uninterrupted opportunities for practice in the winter and in stormy weather. Parker Hall bears the name of the late Judge Parker of Farmington, one of the chief contributors for this, the first building erected upon the Campus.

HEDGE LABORATORY.

The building of the department of Chemistry is called Hedge Laboratory, in honor of the late Isaiah H. Hedge,

M.D., of Waukon, Iowa, who furnished the means for its erection. It is a two-story building finely located and of attractive modern style.

SCIENCE HALL.

Science Hall is the large three-story brick building formerly occupied by the Latin School. It is used by the departments of Physics and Biology and contains the botanical and mineralogical cabinets. It has met urgent needs during a period of rapid growth and marked progress. But, as soon as circumstances will permit, it should be restored to its former chief use—that of a dormitory for young men—and a modern building for the departments of Physics and Biology should be erected.

ROGER WILLIAMS HALL.

Roger Williams Hall is an attractive and commodious three-story building erected by the late Lewis W. Anthony, Esq., of Providence, R. I., for the use of Cobb Divinity School.

CORAM LIBRARY.

Coram Library, dedicated in 1902 and named for Mr. Joseph A. Coram, of Lowell, Mass., who contributed twenty thousand dollars toward its erection, is one of the most beautiful and best planned buildings of its kind. Its reading, reference, seminar, and stack rooms are models of taste and convenience. The furnishings throughout are of the most approved designs for modern libraries. One of the largest rooms has been reserved for the reception of statuary, bronzes, pictures, and curios that the friends of the College have been waiting to give when a suitable place should be provided. There is, also, now ample space for new books, and it is hoped that long standing needs in various departments will soon be met. Special attention is invited to the needs in the departments of Sociology, Economics, and History.

GYMNASIUM.

The Gymnasium, a two-story wooden building, with basement, is equipped with the usual appliances for physical development. It has been a very useful building; but it should give place as soon as practicable to a more capacious and substantial structure of modern design.

PRESIDENT'S HOUSE.

The President's House, a spacious and attractive two-story building originally erected for the President's residence, has since 1895 served as a dormitory for women students, and with the Milliken House, built for a like use by Hon. C. A. Milliken and leased to the College, is still needed for this purpose.

NEW DORMITORY.

The New Dormitory, completed in 1905 for the women of the College, is an elegant three-story building one hundred and twenty feet in length by forty-three in breadth. It contains a large well-equipped gymnasium, a spacious reception room for student social gatherings, rooms for the Dean and for the Director of the Women's Gymnasium, and for sixty young women, together with laundries, kitchens, dining-room, and all the appointments of a first-class women's hall. Toward the fifty thousand dollars required for the erection and furnishing of this building some seventeen to eighteen thousand dollars have been contributed by individuals and fifteen thousand dollars by the State. An additional contribution of fifteen to twenty thousand would remove the necessity of withdrawing this amount from invested funds.

RESOURCES.

A fair valuation of the grounds, buildings, libraries, and apparatus of Bates, together with her permanent fund, shows that her total property amounts to nearly $800,000. Of this

sum about $425,000 is in invested funds. While this discloses great progress, it leaves her still one of the most scantily endowed of New England colleges. Of the fund in her Treasury about $150,000 really belongs to the Cobb Divinity School and the income of that amount is, therefore, not available for the maintenance of the College. More than $70,000 of her fund is in the form of endowed scholarships—the income of which goes to help deserving students.

THE PUBLIC SERVICE OF BATES.

To all who can prize her contributions to the intellectual and moral forces that must save our country Bates can unhesitatingly appeal. The number of her graduates at the present time is 1,138.

Down to 1902, of her 965 graduates, 417 had become teachers—more than 43 per cent—and 122 ministers, the latter being distributed among ten religious denominations. Fifty had filled positions in Universities and Colleges, and more than this number had won distinction as State, City, and District Superintendents and as Principals of important Secondary Schools. In Authorship, on the Bench, in Legislation, in Journalism, Law, Medicine, and Engineering, she has had distinguished representatives; while nearly the entire body of her alumni have proved themselves pure, earnest, useful citizens, ready for every good word and work, and making happier and better the communities in which they have lived. The thorough preparation that Bates gives for public speaking is shown by the honors won in the last nine years in twelve out of fourteen inter-collegiate debates—five of these with Universities.

REASONS FOR AIDING BATES.

1. To a large number of young men and young women she offers their sole reasonable hope for obtaining a liberal education.

2. She is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. She has been successful in securing character as well as scholarship.

4. She has no taint of sectarianism.

5. Her location is the best possible for her usefulness. She can gather young men and young women of small means but of great promise, and can give them the New England culture of heart and mind to be used for the good of our entire country.

6. She took up the cause of higher education for women when it was unpopular.

7. Every dollar given to her work strengthens the forces that are shaping our Christian civilization.

SUMMARY OF NEEDS.

1. $500,000 as an immediate addition to the permanent fund, in order to ensure the efficient maintenance of present work, the development of existing departments, the establishment of a chair of Pedagogy, and the increase of the salaries of the teachers to a living basis. Of this amount $150,000 is required to relieve the College from the necessity of raising $7,000 annually for current expenses.

2. $100,000 for the erection and equipment of a new Science Building.

3. $10,000 for renovating Science Hall, heating it with steam, and thoroughly equipping it as a dormitory.

4. $5,000 to pay for the furnishing of Coram Library and to secure additional appliances.

5. $50,000 as a permanent fund for the Library.

6. $50,000 for an Auditorium with rooms for the literary and religious societies.

7. $100,000 for additional Scholarships for deserving students.

8. $50,000 for the erection of a new Gymnasium for the men students.

9. $100,000 for the erection and maintenance of an Astronomical Observatory and the support of its Director.

10. $10,000 for the grading and improvement of the campus.

11. $20,000 to complete the amount required for the erection of the new Dormitory.

The total of the amounts named is nearly $1,000,000. We can do a valuable work while waiting for some of these needs to be met; others of them are urgent; all of them are implied in the plan of our institution; and could they be met at once, the result would justify the outlay.

FORM OF A BEQUEST.

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of————————dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purposes of the College."

Scholarships

State Scholarships

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship.

Redington Scholarship—For a Lady Student

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any of the colleges.

Dudley Scholarship

Endowed by Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire

Endowed by Hon. Person C. Cheney, A.M., of Manchester, New Hampshire.

Woodman Scholarship

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., deacon of the church.

Clements Scholarship

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship

Endowed by Charles Bridge, Esq., of Gardiner.

Lewis Scholarship

Endowed by the late Chace Lewis, Esq., of Providence, Rhode Island.

Class Scholarship

Endowed by the class of 1877.

Bartlett Scholarship

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Nathaniel Bowen Scholarship

Endowed by Mrs. Hannah Bowen of Providence, R. I.

Cobb Scholarship

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., Class of 1873.

Houghton Scholarship

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., Class of 1870.

Randall Scholarship

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship

Endowed by Elias W. Williamson, Esq., of Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson, of Stark.

Quinnam Scholarship

Endowed by Mrs. James Hobbs of Chicago, Ill., in memory of her father, Rev. Constant Quinnam.

Eaton Scholarship

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship

Endowed by Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship

Endowed by Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, Class of 1899.

Dyer Scholarship

Endowed for the benefit of some student preparing for the Christian ministry, by Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Page Scholarship

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship

Endowed by Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship

Endowed by John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship

Endowed by James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships

The Trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of said scholarships.

Lovina Haines Haskell Scholarship

Endowed by Edwin B. Haskell of Boston, Mass.

Fiske Scholarship

Endowed by Miss Elizabeth S. Fiske of Boston, Mass.

Rowe and Clarry Scholarships

Endowed by a bequest of Mrs. Emily H. C. Rowe in memory of her daughter, Miss Emma F. Clarry, and affording free tuition to four young women, preference to be given to worthy students from Brooks, Me.

Dexter N. Richards Scholarship

Endowed by Mrs. L. M. Richards of Brookline, Mass., in memory of her husband.

Stetson Scholarship

Endowed by Amos W. Stetson of Boston, Mass.

John D. Philbrick Scholarship

Endowed by Mrs. John D. Philbrick.

William Wells Cate Scholarship

Endowed by Rev. C. E. Cate, D.D., of Providence, R. I., in memory of his brother.

E. S. Jordan Scholarship

Endowed by Mrs. Clara Stanton Jordan, in memory of her husband.

Coe Scholarship

A scholarship of $3,000, endowed by Thomas Upham Coe of Bangor, in memory of his brother, Eben Smith Coe. The income is awarded annually to the man in the Senior Class whose scholarship and conduct, during the previous three years of the course, have been the most meritorious. The award is made at the close of the Junior year.

Knowlton Scholarship Fund

Hon. Hiram Knowlton of Portland, Me., has deposited with the treasurer of the College $3,000, the income of which sum is to be used, when under the stipulated conditions it shall become available, for the maintenance of certain scholarships.

Joseph S. Ricker Scholarship Fund

A fund of $10,000 to ensure free tuition to deserving women students—the beneficaries to be selected, whenever practicable, from different counties in Maine.

Foster Lee Randall Scholarship

Endowed by the late Foster Lee Randall of Lewiston.

Bradstreet Fund

Mr. William W. Bradstreet of Gardiner, Me., has established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund

Students contemplating the Christian ministry receive assistance every year of the course.

Prizes

First—For General Scholarship

To the Junior class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation

In the Second Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the First Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Third Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition

In the Third Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate

Second Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Third Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are chosen from the Sophomore Class to compete for this prize.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

Through the generosity of Mr. W. H. H. Bryant of Boston, Mass., a prize of fifty dollars will be awarded annually to the member of the Senior Class who shall prepare the best essay upon "Arbitration Instead of War."

For the past year the prizes have been awarded as follows:

For General Scholarship—Luther I. Bonney, Florence P. Pulsifer, Harlow M. Davis, Alice R. Quinby, Harold B. Pingree, Harriet C. Rand.

For Public Declamation—1904, to Louis B. Farnham, Anna F. Walsh; 1905, to Wendell P. Holman, Marion R. Dexter.

For English Composition—1905, to Nathan H. Rich.

For Original Declamation—1905, to Alice P. Rand, Luther I. Bonney.

For Public Debate—1905, to Jerome C. Holmes, Georgia A. Manson, Guy W. Hoyt, Harlow M. Davis, John S. Pendleton, Guy V. Aldrich.

For Champion Debate—1905, to Harlow M. Davis.

The Bryant prize—1905, was awarded to Maud L. Thurston.

In the Intercollegiate Debate with University of Maine, the winning team consisted of William R. Redden '06; Wayne C. Jordan '06; Winfield S. Austin '06.

With University of Vermont, the speakers were Orin M. Holman '05; Warren W. James '06; John C. Merrill '06.

The Editors of the Bates Student for 1906 are Harlow M. Davis, John S. Pendleton, Jerome C. Holmes, Caroline W. Chase, Anna F. Walsh, Lillian L. Latham.

STUDENTS

SENIOR CLASS

NAME	RESIDENCE	ROOM
Allan, Harold Aubrey	Colorado Springs, Col.	10 P. H.
Austin, Winfield Scott	Newton, N. H.	107 Wood St.
Bartlett, Ralph Atherton	Gardiner	26 P. H.
Blackwood, Myrtle May	Cumberland Mills	M. H.
Blake, Frank Harold	Somersworth, N. H.	26 P. H.
Blount, Henry Gardner	Chatham, Mass.	16 P. H.
Bonney, Luther Isaac	Turner Center	13 P. H.
Bragdon, Blanche Arline	Springvale	26 N. D.
Briery, Augusta Parks	Litchfield	24 N. D.
Brooks, Charles Elwood	Norway	32 P. H.
Butler, Edna Beatrice	Springvale	26 N. D.
Channell, Helen Viette	Lewiston	79 Webster St.
Conner, Edwin Solon	Castine	30 P. H.
Cummings, Harold Neff	Auburn	31 S. H.
Davis, Clara May	Long Hill, Conn.	M. H.
Davis, Irving Gilman	Empire	15 P. H.
Day, Laura Brackett	Somersworth, N. H.	24 N. D.

Doyle, Fred Smith	Caribou	10 P. H.
Dunlap, James Albion	Bowdoinham	18 P. H.
Dwinal, Zelma Merwyn	Auburn	26 P. H.
Farrar, Leo Woodbury	South Paris	8 P. H.
Fisher, Walter Leslie	Lewiston	500 Main Street
Fogg, Ina Alexander	Gray	C. H.
Foster, Ethel May	Cumberland Mills	27 N. D.
French, Arthur Ford	Auburn	25 Parker Street
Garland, Ernest Charles	Lewiston	8 Vale Street
Gauthier, Eugene Robert	Jefferson, N. H.	20 P. H.
Giles, Mervin Shepard	Salem, Mass.	24 P. H.
Gregg, Merritt Lodge	Mountain Dale, N. B.	9 R. W. H.
Hamblen, Florence Ella	Gorham	M. H.
Harradon, Harry Durward	East Auburn	30 S. H
Jackson, Leander	Morrill	32 P. H.
James, Warren William	Jefferson, N. H.	20 P. H.
Johnson, Albert Garfield	South Turner	13 P. H.
Jordan, Wayne Clark	Lewiston	24 Frye Street
Kabatchnick, Goldie Irene	New Auburn	53 Mill Street
Keirstead, William Oded	Corn Hill, N. B.	17 R. W. H.
Kendall, Ralph Leander	Orrington	30 P. H.
King, Ethel Florence	Lewiston	700 Main Street
Knight, Edith May	Richmond	16 N. D.
Lanphear, Anna Story	New Dorchester, Mass.	22 N. D

Lewis, Albion Bayard	Springfield	10 P. H.
Libbey, Alla Amantha	Lewiston	128 Sabattus St.
Mahony, Daniel Joseph	Rochester, N. H.	24 P. H.
Mason, Forest Lionell	Mechanic Falls	Mechanic Falls
Merrill, John Clifford	Anson	29 P. H.
Nutter, Lena Belle	Dexter	374 Main Street
Osgood, Lillian May	Franklin, N. H.	M. H.
Paine, Leon Gilman	Standish	107 Wood Street
Park, Ethel May	Lyndonville, Vt.	M. H.
Pease, Jessie Maude	Anson	46 N. D.
Perry, James Garfield	Upper Kent, N. B.	17 R. W. H.
Pettengill, Daniel Lester	North Bangor	R. W. H.
Phillips, Charles Lewis	Lewiston	159 Pine Street
Pratt, Grace Whitman	Lewiston	270 Bates Street
Pulsifer, Florence Pearle	Auburn	1 Gammage Avenue, Auburn
Purinton, Angie Emily	Bowdoinham	M. H.
Rand, Alice Pray	Lewiston	28 Frye Street
Rand, Everett Leroy	Brockton, Mass.	32 P. H.
Redden, William Rufus	Hyde Park, Mass.	44 P. H.
Rich, Florence Estelle	Boston, Mass.	22 N. D.
Richards, Annie Gilmore	North Yarmouth	M. H.
Robinson, Edna Jeanette	Otisfield	33 Russell Street
Robinson, John Evans	Fall River, Mass.	30 S. H.

Salley, Ashmun Clark	Lewiston	14 Mountain Ave.
Shaw, Mabel Vivian	Bethel	252 College Street
Sheehan, Bessie May	Madison	16 N. D.
Spear, Gladys Burgess	Lewiston	10 Mountain Ave.
Spooner, Elizabeth Chandler	Auburn	2 Union St., Auburn
Stevens, Harold Wentworth	Saco	20 P. H.
Steward, Charles Palmer	Phillips	40 S. H.
Thissell, Amy Dodge	Beverly, Mass.	3 N. D.
Thurston, Frank Hale	Freedom	14 P. H.
Thurston, Fred Lovejoy	Freedom	14 P. H.
Verrill, Elmer Russell	Wayne	16 P. H.
Watkins, Louisa Alcott	South Casco	3 N. D.
Weston, Annie Ray	Harrison	2 N. D.
Wiggin, Howard Alpheus	North Baldwin	35 P. H.
Wormell, Lula May Newton	Portland	46 N. D.
Wyman, Alice Etta	Auburn	M. H.
Yeaton, Winifred Ellen	Hampton, N. H.	M. H.
Young, Elvena	Gonic, N. H.	6 N. D.
Young, Myrtle	Gonic, N. H.	6 N. D.

JUNIOR CLASS

NAME	RESIDENCE	ROOM
Adams, John Howard	Lewiston	25 P. H.
Aldrich, Guy Von	Lewiston	16 Frye Street
Barker, Guy Burnham	Bethel	145 Nichols Street
Barlow, Isabel	Lewiston	418 Main Street
Bickford, Maud Barbara	Lewiston	243 College Street
Boak, Edward Kendrick	Lewiston	415 Main Street
Bottomley, William Mitchell	Lewiston	68 Wood Street
Bowman, Herbert Emmanuel	Vinalhaven	36 P. H.
Burns, Louise Hawthorne	Westbrook	15 N. D.
Caswell, Frank Perley	New Sharon	8 P. H.
Chase, Caroline Wood	Lewiston	16 Frye Street
Churchill, Alice Walker	Brunswick	M. H.
Clason, Julia Trott	Gardiner	23 N. D.
Clifford, Marguerite Abbott	South Paris	M. H.
Colson, Ephraim Perry	Rockland	31 P. H.
Corson, Linwood Ernest	Skowhegan	21 P. H.
Coy, Lewis Harold	Whiting	42 P. H.
Crane, Mary Alice	Dover	M. H.
Davis, Emily Christina	Rochester, N. H.,	M. H.
Davis, Ethel Johnson	Portsmouth, N. H.	23 N. D.

Davis, Harlow Morrell	Lewiston	56 Horton Street
Donnell, Nellie Maude	Lewiston	79 Elm Street
Farnham, Louis Bending	Orland	28 P. H.
Files, Marian Edna	Lewiston	161 Wood Street
Foster, Eugene	Dry Mills, Gray	12 P. H.
Foster, Eugene Stuart	Burnham	14 P. H.
Freese, Earl Percy	East Dedham, Mass.	22 P. H.
French, Maude Belle	Auburn	61 Dennison Street, Auburn
Frost, Harold Ionel	Bowdoinham	H. H.
Heminway, Robert Lynn	Lewiston	46 P. H.
Hillman, Sarah Alice	Hardwick, Mass.	7 N. D.
Holbrook, Charles Stewart	Shelburne Falls, Mass.	11 P. H.
Holmes, Jerome Crane	Lincoln	173 Wood Street
Hopkins, Ruby Estella	Providence, R. I.	M. H.
Hoyt, Guy William	Pittsfield, N. H.	12 P. H.
Hussey, John Fred	Augusta	11 P. H.
Irish, Gertrude Hall	Auburn	62 Goff St., Auburn
Jackson, Frank Ward	Wiscasset	22 P. H.
Keist, Mabel Beatrice	Auburn	15 Temple Street, Auburn
Kelley, Fred Grant	Lubec	31 P. H.
Lamb, Florence Edith	Spencer, Mass.	M. H.
Latham, Lillian Lawrence	East North Yarmouth	M. H.
McIntyre, Joseph Henry	Whitefield, N. H.	8 P. H.

Mann, George Eugene	Manville, R. I.	2 R. W. H.
Manson, Georgia Alice	Oakland	18 Frye Street
Merrill, Lee Simons	Anson	29 P. H.
Merrill, Rena Maude	Gardiner	13 N. D.
Mitchell, Beulah	Lubec	21 N. D.
Morrill, True Clifford	Gray	17 P. H.
Morse, Abbie Luella	Auburn	108 Court Street, Auburn
Morse, Ernest James	Lewiston	10 Frye Street
Palmer, George Washington	Somersworth, N. H.	25 P. H.
Parker, Cora Belle	Spencer, Mass.	M. H.
Pattangall, Katharine Jean	Pembroke	15 N. D.
Pendleton, John Scott	Northport	22 P. H.
Pierce, James Franklin	Windsor, N. C.	41 S. H.
Pomeroy, Ray Eugene	Lewiston	164 Holland St.
Porter, Mabel Maud	Eustis	21 N. D.
Prock, Granville Albert	Lincolnville	38 S. H.
Quinby, Alice Rose	Cumberland Mills	M. H.
Ramsdell, Sherman Rodman	West Lubec	31 P. H.
Rich, Nathan Harold	Charleston	12 P. H.
Ring, Elizabeth Mabelle	Auburn	14 Barker Street, Auburn
Robinson, Frances Estelle	Lewiston	126 Russell Street
deRochemont, Fannie Geraldine	Portsmouth, N. H.	13 N. D.
Rochford, Francis Joseph	Newton Lower Falls, Mass.	37 P. H.

Rogers, Frank Leston	Everett, Mass.	8 P. H.
Sanderson, Josephine Angeline	East Waterford	M. H.
Sullivan, Walter Edward	Houlton	363 Main Street
Turner, Charles Oscar	Farmington	368 College St.
Walsh, Anna Fleming	Lewiston	51 Knox Street
Ware, Amy Estell	Bangor	M. H.
Wells, Charles Albert	North Bridgton	16 P. H.
White, Dorrance Stinchfield	New Hampton, N. H.	173 Wood Street
Whittum, William Henry	Lewiston	250 College Street
Wight, Lawrence Norman	Gorham, N. H.	30 P. H.
Willard, Emily Rosamond	South Portland	25 N. D.
Williams, Leon Nathaniel	Bowdoinham	18 P. H.

SOPHOMORE CLASS

NAME	RESIDENCE	ROOM
Annis, Lillian Mae	Somersworth, N. H.	M. H.
Anthony, Elisabeth Williams	Lewiston	336 College Street
Bangs, Archie Roy	Sabattus	Sabattus
Beals, Estella Maude	Boston, Mass.	11 N. D.
Blackstone, Ervette Elaine	Perham	41 N. D.
Blanchard, Elsie	Weymouth, Mass.	36 N. D.
Bliss, Mary Fannie	Freeport	42 N. D.
Bonney, Carolyne Emma	Auburn	6 Hampshire Street, Auburn
Bool, Phebe Rosa	Cambridge, Mass.	M. H.
Bosworth, George Allen	Warren, R. I.	21 P. H.
Bradbury, Linnie Fabyan	Lewiston	226 College Street
Bradford, Ethel Ardelia	Auburn	121 High Street, Auburn
Bradford, Maude Minerva	South Livermore	88 Lake Street, Auburn
Bridges, Thomas Sherian	Bucksport	19 P. H.
Brown, Maurice Vivian	Norway	33 P. H.
Brown, Willis Quincy	Hillsdale, Mich.	40 S. H.
Burke, Mary Cecilia	Auburn	16 Newbury Street, Auburn

Burnell, Floyd Willis	East Hiram 35 P. H.
Campbell, Percy Cheney	Lawrence, Mass. 133 College Street
Carver, John Small	Auburn 183 Sixth Street, Auburn
Cate, Thomas Jefferson	Sanbornton, N. H. H. H.
Cleveland, Alton Hiram	Skowhegan 9 Laurel Avenue, Auburn
Clifford, Wallace Alton	South Paris P. H.
Cook, Solomon Everett	Oxford 4 Davis Street
Cooley, Ethel Florence	Norridgewock 6 Frye Street
Cooley, Scott Foster	Peacham, Vt. 415 Main St.
Coombs, Robert Leland	Auburn 310 Turner Street, Auburn
Corson, David Herman	Skowhegan 21 P. H.
Crawshaw, Annie	Lewiston 51 East Avenue
Cummings, Ruth Joy	Lancaster, N. H. 43 N. D.
Dexter, Marion Russ	Beverly, Mass. 32 N. D.
Dinsmore, Alice Jane	Lewiston Cor. So. Ave. and Pleasant St.
Doe, George Arthur	South Effingham, N. H. Route 7, Auburn
Dolloff, Cyrus Wilfred	Gardiner 9 P. H.
Donovan, Joseph Aloysius	Houlton 384 Main Street
Doughty, Florence Ada	South Portland 25 N. D.
Douglass, Ethel Minnie	Bowdoinham M. H.
Dunlap, Lois Ann	Bowdoinham M. H.

Ellsworth, Edward William	Northboro, Mass.	21 P. H.
Faulkner, James Francis	Gardiner	9 P. H.
Ferguson, Marion Gladys	Somersworth, N. H.	43 N. D.
Foster, Arthur	Weld	19 S. H.
Foster, Mabel Winifred	Cumberland Mills	27 N. D.
Fraser, Le Roy Boynton	Farmington, N. H.	19 P. H.
French, George Washington	Kezar Falls	23 P. H.
Goodwin, Harold Merle	Lincoln	33 P. H.
Goodwin, Ralph Augustus	Lincoln	33 P. H.
Grant, Mabel Pearl	Fort Fairfield	33 N. D.
Grant, Sadie Little	Calais	41 N. D.
Harkins, John Michael	Drownville, R. I.	21 P. H.
Harris, Arthur Louis	East Pittston	45 P. H.
Haynes, Guy Coldwell	Parsonsfield	41 P. H.
Hincks, Sue Lynnette	South Orrington	4 N. D.
Hodgdon, Daniel Russell, Jr.	Winthrop	113 Lowell Street
Hull, Ira Butler	Lewiston	96 Nichols Street
Hutchinson, Ethel Louise	Canton	44 N. D.
Jones, Lina Gertrude	Brunswick	34 N. D.
Jordan, James Leland	Sabattus	Sabattus
Kenney, Charles Edmund	Foxcroft	R. W. H.
Knight, Marion Frances	Rockland	37 Cottage Street
Knox, Helen Josephine	Manchester, N. H.	34 N. D.
Lane, Walter	Anson	1 P. H.
Lewis, Bertha Erma	Gardiner	44 N. D.

Libby, Grace Lillian	Lewiston	411 Main Street
Libby, Walter Emery	Lincoln	33 P. H.
Little, Katherine Gilman	Merrimac, Mass.	M. H.
Longfellow, Marion Baker	Machias	42 N. D.
McAlister, Milton Vosmus	South Paris	4 Davis Street
McCool, Herbert Gilmore	Northboro, Mass.	226 College Street
McCullough, Joseph Leo	Saugus, Mass.	19 P. H.
McLain, Frances May	Rockland	36 N. D.
Maxwell, Angie Winnefred	Sabattus	133 College Street
Melcher, Evelyn Geneva	Rumford Falls	33 N. D.
Merrill, George Elwin	Anson	29 P. H.
Merrill, Lena Sarah	Auburn	478 Court Street, Auburn
Murphy, Julia Louise	Auburn	33 Newbury Street, Auburn
Noble, Fred Robert	Amherst, Mass.	414 Main St.
Packard, Ellen Hersey	West Auburn	32 N. D.
Pingree, Harold Bearce	Auburn	28 Elm Street
Pratt, Charles Harvey	North Turner Bridge	237 Oak Street
Pushor, Wynona Captola	Pittsfield	M. H.
Rand, Harriet Clark	Lewiston	28 Frye Street
Royal, Perley Wilson	Manchester, N. H.	414 Main Street
Sands, Eleanor Pepper	Lewiston	19 Walnut Street
Sawyer, Herbert Leslie	Madison	1 P. H.
Schermerhorn, Mabel Linda	Kennedy, N. Y.	M. H.
Schermerhorn, Myrtle Jane	Kennedy, N. Y.	M. H.
Schumacher, George Wendell	Ansonia, Conn.	23 P. H.

Shorey, Izora Devereaux	Bridgton	2 N. D.
Smith, Winslow Garfield	Northfield	41 P. H.
Sprague, Ruth Ardelle	Lewiston	247 College Street
Stevens, Neil Everett	Auburn	22 Lake Street, Auburn
Stevens, Roy Foster	Lisbon	Lisbon
Sweetland, William Virgil	Pittsfield	6 R. W. H.
Taylor, Charles Edward	Lisbon Falls	11 P. H.
Thomas, Stella Luetta	Lewiston	137 Nichols Street
Toft, Amelia	White Rock	C. H.
Tuttle, Guy	Bellows Falls, Vt.	23 P. H.
Wentworth, Eva Celia	Dover, N. H.	M. H.
Wheaton, Clarence Lincoln	St. John West, N. B.	21 R. W. H.
Whitman, Burton Herbert	East Auburn	East Auburn 34 P. H.
Williams, Guy Floyd	North Anson	29 P. H.
Wood, Herbert Wilbur	Lewiston	23 Howe Street

SPECIAL COURSE

Harrington, Ephraim Eugene	Chicago, Ill.	41 P. H.
Holman, Wendell Phillips	Dixfield	17 Main Street
Johnson, Elmer Eugene	Machias	P. H.
Osborne, Walter Scott	Mt. Blue, Mass.	34 P. H.
Peasley, Arthur Newell	Lewiston	106 Bartlett Street
Reed, Ralph Gerry	South Bridgton	158 College Street
Wilder, Ralph Ayling	North Haven, Mass.	34 P. H.

FRESHMAN CLASS

NAME	RESIDENCE	ROOM
Adams, Alvernon Melvin	Millinocket	38 P. H.
Adams, Helen Wilson	Bowdoinham	M. H.
Anderson, Dagna Amanda	Berlin Mills, N. H.	195 Holland Street
Bailey, Arthur Cyrus	Lisbon Falls	34 P. H.
Bartlett, Amy Etta	Auburn	19 Hampshire Street, Auburn
Bateman, Eloise Sprague	Lewiston	91 Elm Street
Bean, Orel Merton	Pittsfield	133 College Street
Booker, Percy Hilton Harris	Pittston	51 P. H.
Boothby, Willard Sands	Lewiston	256 College Street
Bowman, Winfred Wolfe	Worcester, Mass.	145 Nichols Street
Brown, Corinne Mildred	Malden, Mass.	N D.
Brush, Alta Belle	Lewiston	14 Mountain Ave.
Burbank, Frank Winslow	South Paris	47 P. H.
Card, Harry Merrill	West Bowdoin	11 P. H.
Carroll, John Murray	Razorville	34 Webster Street
Chapman, Winnifred Amelia	Lewiston	12 Prescott Street
Clason, Bertha Sarah	Gardiner	44 N. D.
Cobb, Stephen Aratas, Jr.	Gardiner	39 P. H.

Cochran, Isaac George	Rochester, N. H.	43 P. H.
Cole, Arthur Russell Clason	Gardiner	17 Frye Street
Coolidge, Dora Gordon	Warner, N. H.	M. H.
Cooper, Georgia Mabel	Auburn	165 Main St., Auburn
Copeland, Florence Elisabeth	Melrose, Mass.	4 N. D.
Crockett, Adelina Estelle	Durham	N. D.
Crommett, William Gladstone	Chelsea, Mass.	415 Main St.
Culhane, Phyllis Caroline	Gorham, N. H.	C. H.
Curtis, Alice Nina	Bingham	20 Arch Avenue
Davis, Edith May	Lewiston	40 Jefferson Street
Deane, Harold Mac	Middlebury, Vt.	145 Nichols Street
Dixon, Thomas Libby	Lewiston	380 Main Street
Dunn, Florence Marie	Lewiston Junction	M. H.
Eckhoff, Scott Sidney	Chelsea, Mass.	415 Main St.
Ellis, Jesse Cleveland	Weld	54 P. H.
Farrar, Lucy Elizabeth	Lewiston	63 East Avenue
Fogg, Agnes	Gray	C. H.
Foss, Alice Adams	Rye Centre, N. H.	61 Cottage Street
Gerry, Henry Lester	Lewiston	32 Frye Street
Goodwin, Earl Clinton	Auburn	13 P. H.
Grant, Agnes Donald	Vinalhaven	C. H.
Greenleaf, Georgia Mabel	Auburn	79 High St., Auburn
Hackett, Frank Wesley	Bowdoinham	61 Bartlett St.

Haines, Grace Ethel	Portland	259 Court Street, Auburn
Hale, Herbert Francis	New Sharon	171 Lisbon St.
Hamilton, Frederick Leroy	Presque Isle	237 Oak Street
Hardie, Mary	Bowdoinham	M. H.
Harris, Charles Lester	Detroit	30 Ware Street
Hayden, Archibald Lambert	Milo	113 College Street
Hodges, Georgia Etta	Sangerville	44 Cottage St.
Holbrook, Grace Everlina	Manchester, N. H.	N. D.
Holman, Wallace Floyd	North Jay	30 Ware Street
Holt, Horace Irving	Wiscasset	R. W. H.
Howard, Alice Elva	Brockton, Mass.	C. H.
Humiston, Alice Mildred	East Jaffrey, N. H.	C. H.
Hunt, Florence Mabel	Augusta	N. D.
Hutchinson, Adria Anna	Berlin, N. H.	N. D.
Irish, Arthur	Turner	53 P. H.
Jack, George Edwin	Bowdoinham	53 P. H.
Jack, Nellie May Deering	Portland	1 Davis Street
Jewell, John Poland	South Portland	49 P. H.
Jones, Fred Reuel	Mercer	237 Oak Street
Jordan, Dana Stanford	East Raymond	24 Frye St.
Jordan, Fannie Pearl	Auburn	131 Center Street, Auburn
Keene, Angie Estella	Lewiston	Sylvan Avenue
Keough, Eleanor Elizabeth	South Wheelock, Vt.	M. H.
Lane, Alzie Edrie	Gardiner	N. D.

Larrabee, Ernest Everett	Auburn	R. F. D. 1, Auburn
Lasselle, Olive Mary	Leominster, Mass.	C. H.
Libby, Warren Edgar	Auburn	358 Main Street, Auburn
Linscott, Arthur Fay	Troy	30 Ware Street
Lord, Charles Emerson	Lisbon Falls	34 P. H.
Loring, Fred Milton	Auburn	253 Turner Street, Auburn
Lovejoy, Fred Collins	North Chesterville	30 Ware Street
McIntyre, Lilla Estelle	Bluehill	C. H.
Marston, Maud Eva	West Durham	C. H.
Martin, William Harris	Manchester, N. H.	P. H.
Meader, Alethea Caroline	Lewiston	403 Main Street
Merrill, Helen Maybel	Auburn	143 Pleasant Street, Auburn
Miller, Harry Claire	Winthrop	4 Davis Street
Morrell, John Perley	Litchfield Corners	349 College Street
Morse, Arthur Everett	Chesterville	23 P. H.
Nelson, Chesley Wilbur	West Southport	145 Nichols Street
Nettleton, Jessie Hague	Manchester, N. H.	N. D.
Oakes, Raymond Silvester	Auburn	15 P. H.
Page, Rodney Gerald	Bucksport	28 P. H.
Park, Clinton DeWitt	Presque Isle	237 Oak Street
Peckham, Frederic Metcalf	Lewiston	14 Pleasant Street

Peterson, Harrison Morton	Columbia Falls	39 P. H.
Pevare, John Francis	Laconia, N. H. 349 College Street	
Pomeroy, Carl Thatcher	Lewiston	164 Holland Street
Pomeroy, Elsie Mabel	Yarmouth	N. D.
Porter, Amorette	Pittsfield	M. H.
Purinton, Carl Russell	Bath	173 Wood Street
Ranger, Carl Herman	Dryden	54 P. H.
Roseland, Charles Everett	Auburn 145 Gamage Ave., Auburn	
Sawyer, John Bryant	Easton 133 Main Street, Auburn	
Segal, Myer	St. John, N. B. 337 Pine Street	
Sharp, Clara Agnes	Lewiston	83 Lowell Street
Small, Louise May	Northwood Narrows, N. H.	M. H.
Smith, George Hawthorne	North Berwick	43 High St.
Smith, Nellie Barrows	Auburn 49 Drummond St., Auburn	
Story, Herbert Lewis	Merrimac, Mass. 226 College Street	
Swift, Edith Winnifred	Auburn 77 Spring Street, Auburn	
Tetreault, Edith Marie	Augusta	C. H.
Thurston, Paul Cleveland	Bethel	49 P. H.
Turner, Adelaide Roberts	Vinalhaven	C. H.

Wadleigh, Joseph Bertram	South Kingston, N. H.	107 Wood Street
Wadsworth, John Thaddeus	Gardiner	39 P. H.
Walker, Iola Agnes	Lewiston	77 Nichols Street
Waller, Nellie Blanche	Westford, Mass.	M. H.
Weare, Laura Maude	Auburn	52 Hampshire St., Auburn
White, Grace Simmons	Portland	C. H.
White, John Leonard	Hingham Center, Mass.	40 S. H.
Wiggin, Joseph Alfred	Portsmouth, N. H.	47 P. H.
Woodward, Louis Burton	Dresden Mills	51 P. H.

SPECIAL COURSE

Dane, Earl Balcom	Providence, R. I.	6 Frye St.
Dionne, Fred Joseph	Presque Isle	237 Oak Street
Estey, Chester Arthur	Lisbon Falls	34 P. H.
Hepburn, William Kirkland	Sunderland, Mass.	34 P. H.
Jackman, Ernest Delmore	Mount Vernon	145 Nichols Street
Lancaster, Fred Henry	Pittsfield	30 Ware Street
Leach, Walter Brooks	Norwell, Mass.	27 P. H.
Merrill, Gardner Fessenden	Sandy Creek	30 Ware Street
Phillips, Nathaniel, 2d	Marshfield Hills, Mass.	27 P. H.
Stinson, Mark Emery	Wiscasset	4 S. H.
Whittier, Arnold Lewis	Lisbon Falls	34 P. H.

SUMMARY

Senior Class,	83
Junior Class,	78
Sophomore Class,	110
Freshman Class,	125
Total,	396

H. H.	Hathorn Hall	C. H.	Cheney House
P. H.	Parker Hall	M. H.	Milliken House
R. W. H.	Roger Williams Hall		
S. H.	Science Hall	N. D.	New Dormitory

GRADUATES OF 1905

Abbott, John Woodward
Ames, Marion Dinant
Baldwin, Albert Kilburn
Barr, John Ernest
Bartlett, Mary Alice
Bartlett, Mary Elizabeth
Bessey, Earle Dutton
Blake, Percy Harold
Briggs, Adelaide Louise
Bryant, Elsie Mary
Bryant, Lula Rae
Cole, Elijah Day
Cooper, Christopher George
DeMeyer, John Everard
Doe, Harry Franklin
Donnell, Ardella Dill
Downey, Daisy Vaughn
Durell, Charles Pendexter
Files, Bertha Celestia
Goddard, Harriet
Gould, May Evelyn
Hodnett, Mabel
Holman, Orin Merton
Holmes, Effie Mabelle
Junkins, Charles Edson
Libbey, Harold Shaw
Lincoln, Mary Alice
Milbury, George Douglas
Millett, Charlotte Adelaide
Mitchell, Marion Ethel
Norton, Monira Louise
Parsons, William Lewis
Patten, John Gray
Peabody, Grace May
Perkins, Elizabeth Sarah
Peterson, John Emil
Ramsdell, Mary Jane
Reed, Ada Maud
Reed, John Stillman
Sampson, George Gordon
Spooner, Thomas
Stetson, Lilla Augusta
Stetson, Mary Louise
Stockwell, Frank Clifford
Symonds, Sadie Brooks
Thurston, Maud Lillian
Tuttle, Eugene
Vance, Marion Eveline
Walker, Charles Henry
Walton, Mary Eleanor
Williams, Meredith Gilbert
Wilson, Edbert Carson
Winslow, Ralph Golder

SCHEDULE, 1905-06

Senior 1st

	Monday	Tuesday	Wednesday	Thursday	Friday
7.45	*English*	*English*	*Political Science*	*English*	*English*
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	Psychology I. *Physics*	Psychology I. *Physics*	Psychology I. *Physics*	*Political Science*	*Political Science*
10.00	Psychology II. *French*	Psychology II. *French*	Psychology II. *French*	*Geology* *Italian*	*Geology* *Italian*
11.00	*Geology*	*German*	*German*	*German*	*German*
1.00	*Chemistry Lab.* *Italian*	*Chemistry Lab.*	*Chemistry Adv.* *Zoology Lab.* *Pedagogy*	*Chemistry Adv.* *Zoology Lab.* *Pedagogy* *Chemistry Lab.*	*Chemistry Adv.* *Zoology Lab.* *Pedagogy*
2.00	*Chemistry Lab.*	*Chemistry Lab.*	*Chemistry Adv.*	*Chemistry Adv.*	*Chemistry Adv.*
			Zoology Lab.	*Zoology Lab.*	*Zoology Lab.*
3.00			*Latin*	*Chemistry Lab.* *Latin*	*Latin*

Senior 2d

7.45	*English*	*English*	*Political Science*	*English*	*English*
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	*Physics* *French* *7 Zoölogy Lab.*	*Physics* *French* *7 Zoology Lab.*	*Physics* *French* *7 Zoology Lab.*	*Political Science*	*Political Science*

10.00	*German* 7 *Zoölogy Lab.*	*German* 7 *Zoology Lab.*	*Italian* 7 *Zoology Lab.*	*Logic*	*Logic*
11.00	*Logic*	*Geology*	*German*	*Geology*	*Geology*
1.00	*Chemistry Lab.* *Italian*	*Chemistry Lab.* *Adv. Chemistry* *Italian*	*Latin* *Pedagogy*	*Latin* *Pedagogy* *Chemistry Lab.* *Adv. Chemistry*	*Latin* *Pedagogy* *Adv. Chemistry*
2.00	*Chemistry Lab.*	*Chemistry Lab.* *Adv. Chemistry*		*Chemistry Lab.* *Adv. Chemistry*	*Adv. Chemistry*

Senior 3d

7.45	*Sociology*	*Sociology*	*Sociology*	*French*	*French*
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	*English*	*English*	*French*	*English*	*English*
10.00	*Astronomy*	*Astronomy*	*German*	*German*	*German*
11.00	*Ethics* *Physics*	*Ethics* *Physics*	*Ethics* *Physics*	*Elocution*	*Astronomy*
1.00	*Italian* *Chemistry*	*Italian* *Chemistry*	*Italian* *Chemistry* 5 *Zoology*	*Chemistry* 5 *Zoology*	*Chemistry* 5 *Zoology*
2.00	*Chemistry* *Pedagogy*	*Chemistry* *Pedagogy*	*Chemistry* 5 *Zoology*	*Chemistry* *Pedagogy* 5 *Zoology*	*Chemistry* 5 *Zoology*
3.00			*Latin*	*Latin*	*Latin*

Junior 1st

	Monday	Tuesday	Wednesday	Thursday	Friday
7.45	*French*	*French*	*German*	*German*	*German*
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	English I. *Chemistry II.*	English I. *Chemistry II.*	*Chemistry Lab.*	English I. *French*	English I.
10.00	*Chemistry I.* English II.	*Chemistry I.* English II.	*Chemistry Lab.*	English II.	English II.
11.00	*Mathematics*	*Mathematics*	*History* *Spanish*	*History* *Spanish*	*History* *Spanish*
1.00	*Physics Lab.*	*Physics Lab.*	*Zoology Lab.*	*Zoology Lab.*	*Zoology Lab.*
2.00	*Physics Lab.*	*Physics Lab.*	*Zoology Lab.*	*Zoology Lab.*	*Zoology Lab.*
3.00	*Physics Lob.*	*Physics Lab.*	*Latin*	*Latin*	*Latin*

Junior 2d

7.45	*French*	*French*	*French*	*German*	*German*
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	*English*	*English*	*German*	*English*	*English*
10.00	*Chemistry Lab.*	*Chemistry Lab.*	Economics I.	Economics I.	Economics I.
11.00	*Chemistry Lab.*	*Chemistry Lab.*	Economics II. *Mathematics*	Economics II. *Mathematics*	Economics II.

1.00	*Physics Lab.* *Spanish*	*Physics Lab.* *Spanish*	*Chemistry Lab.* *Latin*	4 *Zoology* *Latin*	4 *Zoology* *Latin*
2.00	*Physics Lab.*	*Physics Lab.*	*Chemistry Lab.*	4*Zoology*	4 *Zoology*
3.00	*Physics Lab.*	*Physics Lab.*	*Spanish*	4 *Zoology*	4 *Zoology*

Junior 3d

7.45	*English*	*English*	*Chemistry*	*English*	*English*
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	Psychology I. *Economics II.*	Psychology I. *Economics II.*	Psychology I. *Economics II.*	*Chemistry Lab.*	*Chemistry Lab.*
10 00	Psychology II. *Economics I.*	Psychology II. *Economics I.*	Psychology II. *Economics I.*	*Chemistry Lab.*	*Chemistry Lab.*
11.00	Elocution I. *Mathematics*	*Zoology* *Mathematics*	Elocution II. *German*	*German*	*German*
1.00	*Spanish* *Physics* 2 *Zoology*	*Spanish* *Physics*	*Spanish* 3 *Zoology* 5 *Zoology*	5 *Zoology*	5 *Zoology*
2.00	*Physics* 2 *Zoology*	*Physics*	*French* 2 *Zoology* 5 *Zoology*	*French* 5 *Zoology*	*French* 5 *Zoology*
3.00	*Physics*	*Physics*	*Latin*	*Latin*	*Latin*

Sophomore 1st

	Monday	Tuesday	Wednesday	Thursday	Friday
7.45		English II. Zoology I.	English II. Zoology I.	*Latin*	*Latin*
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	Zoology I. Zoology II.	English I. Zoology II.	English I. German II.	Physics I. German II.	Physics I. German II.
10.00	Elocution I. English II.	Physics I. Physics II.	German I. Zoology II.	German I. Physics II.	German I. Physics II.
11.00	Elocution II. English I.	*Latin*	*Mathematics* *Greek*	*Mathematics* *Greek*	*Mathematics* *Greek*
1.00			*History*	*History*	*History*

Sophomore 2d

7.45	English I. German II.	English I. German II.	English I. German II.	*French*	*French*
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	English II. German I.	English II. German I.	English II. Chemistry I.	Chemistry II. Physics I.	Chemistry II. Physics I.
10.00	*French*	Physics I. Physics II.	German I. Chemistry II.	Chemistry I. Physics II.	Chemistry I. Physics II.

11.00	*Mathematics* *Latin*	*Mathematics* *Latin*	*Greek*	*Greek* *Latin*	*Greek* *Mathematics*
1.00	2 *Zoology Lab.*	2 *Zoology Lab.*			
2.00	2 *Zoology Lab.*	2 *Zoology Lab.*	*History*	*History*	*History*
3.00	2 *Zoology Lab.*	2 *Zoology Lab.*			

Sophomore 3d

7.45	*French*	*French*	*French*	*Latin* German II.	*Latin* German II.
8.40	*Chapel*	*Chapel*	*Chapel*	*Chapel*	*Chapel*
9.00	Chemistry I. *English II.*	Chem. I. German II.	Chem. I. Physics II.	German I. Physics II.	German I. Physics II.
10.00	Chemistry II. *English I.*	Chem. II. German I.	Chem. II. Physics I.	*English II.* Physics I.	Physics I.
11.00	*Latin*	*English I.* *Zoology*	*Mathematics* *Greek*	*Mathematics* *Greek*	*Mathematics* *Greek*
1.00	*Zoology Lab.*	*History*	*Zoology Lab.*	*History*	*English I.* *English II.*
2.00	*Zoology Lab.*		*Zoology Lab.*		*History*

Freshman 1st

	Monday	Tuesday	Wednesday	Thursday	Friday
7.45	English I. Greek II. Latin III.	Mathematics I. Greek II. Latin III.	Mathematics I. Greek II. Latin III.	Mathematics I. Ethics II. English III.	Mathematics I. English III.
8.40	Chapel	Chapel	Chapel	Chapel	Chapel
9.00	English II. Physiology III. Latin I.	Mathematics II. Physiology III. Latin I.	Mathematics II. Physiology III. Latin I.	Mathematics II. Ethics III. English I.	Mathematics II. English I.
10.00	Greek I. Latin II.	Mathematics III. Greek I. Latin II.	Mathematics III. Greek I. Latin II.	Mathematics III. Ethics I. English II.	Mathematics III. English II.
11.00	Ornithology	French I. English III.	French I.	French II.	French II.
1.00	French III.	French III.			
2.00	Beginning Greek	Beginning Greek	Beginning Greek	Beginning Greek	Beginning Greek

Freshman 2d

7.45	Greek II. Latin III.	Mathematics I. Greek II. Latin III.	Mathematics I. Greek II. Latin III.	Mathematics I. English II.	Mathematics I. English II.
8.40	Chapel	Chapel	Chapel	Chapel	Chapel
9.00	Physiology III. Latin I.	Mathematics II. Physiology III. Latin I.	Mathematics II. Physiology III. Latin I.	Mathematics II. English III. French I.	Mathematics II. English III. French I.

10.00	English III. Greek I. Latin II.	Mathematics III. Greek I. Latin II.	Mathematics III. Greek I. Latin II.	Mathematics III. English I. French II.	Mathematics III. English I. French II.
11.00	French I. English II.	French II. Elocution III.	French III. Elocution II. English I.	French III. Elocution I.	French III.
2.00	Beginning Greek	Beginning Greek	Beginning Greek	Beginning Greek	Beginning Greek.

Freshman 3d

7.45	Botany II. Greek III. Latin I.	Mathematics II. Greek III. Latin I.	Mathematics II. Greek III. Latin I.	Mathematics II. Botany III. Physiology I.	Mathematics II. Botany III. Lab. Physiology I.
8.40	Chapel	Chapel	Chapel	Chapel	Chapel
9.00	Botany I. Physiology II. Latin III.	Mathematics I. Physiology II. Latin III.	Mathematics I. Latin III.	Mathematics I. Botany III. Lab.	Mathematics I. Botany III. Lab.
10.00	Botany III. Greek I. Latin II.	Mathematics III. Greek I. Latin II.	Mathematics III. Greek I. Latin II.	Mathematics III. Botany III. Lab.	Mathematics III. Botany I.
11.00	Ornithology	French II.	French I.	French I.	French I.
1.00		Botany II.		French II.	French II.
2.00	Beginning Greek	Beginning Greek Botany I. Lab.	Beginning Greek	Beginning Greek	Beginning Greek
3.00		Botany I. Lab.			

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Bates College

1906-1907

Lewiston, Maine, December 1, 1906

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Calendar

1906

Sept. 12—Fall Term began, ... Wednesday
Oct. 15—Tuition due.
Nov. 29—Thanksgiving Day, Holiday, . . . Thursday.
Dec. 4—Examinations begin, ... Tuesday.
Dec. 7—Fall Term closes, ... Friday.

1907

Jan. 8—Spring Term begins, ... Tuesday.
Jan. 24—Day of Prayer for Colleges, . . . Thursday.
Feb. 22—Holiday, ... Friday.
March 1—Tuition due.
Feb. 26—March 11—Freshman Preliminary Declamations, 2 P.M.
Prize Division, ... 2 P.M.
March 12—22—Sophomore Debates, ... 2 P.M.
March 26—Examinations begin, ... Tuesday.
March 29—Spring Term closes, ... Friday.
March 29—Senior Exhibition, . . . Friday, 7.45 P.M.
April 9—Summer Term begins, ... Tuesday.
May 1—Tuition due.
May 30—Memorial Day, Holiday, ... Thursday.
June 19—22—Examination of the College Classes,
Wednesday—Saturday.
June 23—Baccalaureate Exercises, . . Sunday, 10.30 A.M.
June 23—Address before the College Christian Associations,
Sunday, 7.45 P.M.
June 24—Examinations for Admission to College
begin Monday, 2 P.M.
June 24—Sophomore Prize Debate. . . Monday, 2.30 P.M.
June 24—Junior Exhibition, ... Monday, 7.45 P.M.
June 25—Class Day Exercises, . . . Tuesday, 2.30 P.M.
June 25—Concert, ... Tuesday, 7.45 P.M.
June 26—Annual Meeting of the Corporation, Wednesday, 9 A.M.
June 26—Annual Meeting of the Alumni, Wednesday, 4 P.M.
June 26—Reception to Graduates by Members of the Faculty,
Wednesday, 8 P.M.
June 27—Commencement, ... Thursday, 10 A.M.
June 27—President's Reception to the Graduating Class,
Thursday, 8 P.M.
Sept. 9—Examinations for Admission to College begin
Monday, 2 P.M.
Sept. 11—Fall Term begins, ... Wednesday.
Oct. 16—Tuition due.
Oct 21—Sophomore Preliminary Declamations, . . 2 P.M.
Oct. 28—Prize Division, ... 2 P.M.
Dec. 6—Fall Term closes, ... Friday.

General Information

FOUNDATION

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles north-east of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining states, parents eager to secure a good education for their children. The Lewiston High School, and the Edward Little High School of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four

hours distant from Boston, and are accessible from all directions by means of four railways,—The Grand Trunk, Portland and Rumford Falls, and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site for an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the College without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the College to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. Planted in a thrifty and frugal community, Bates is for a wide area the natural college home for students of limited means. The community, with its numerous industries, offers unusual opportunities for work; and college spirit and tradition make labor honorable. The Faculty of Bates find one of their highest pleasures in helping young men and young women to solve the problem of ways and means. Alone of New England colleges, Bates still encourages needy students to teach during a part of each year; and she does not find such teaching, under proper restrictions, harmful either to scholarship or character. Every year Bates students are engaged in more than sixty different kinds of employment. Eighty-one permanent scholarships of $1,000 each pay the annual tuition of as many deserving young men and young women. Students of ample, of moderate, and of limited means live and work together in absolute social equality. From its organization in 1863, the College has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

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TO R.
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151 Wood Street.

Terms of Admission

The requirements for admission to the Freshman Class are as follows:

LATIN

Four Books of Cæsar's Gallic War;
Six Orations of Cicero;
Six Books of Vergil's Æneid;
(Work in Ovid will be accepted instead of parts of the above.)
Latin Composition;
Latin Grammar, including Prosody;
Translation of Easy Latin at sight;
History and Geography.

GREEK

Four Books of Xenophon's Anabasis;
Three Books of Homer's Iliad;
Twenty Exercises in Jones' Greek Composition, or an Equivalent;
Greek Grammar;
Translation of Easy Greek at sight;
History and Geography.

Instead of the Greek, candidates may present the following work as conducted in the best preparatory schools, on the basis of five hours a week in each subject:

1. Three years of French.
2. Three years of German.
3. Two years of French and one year of German.
4. Two years of French and one year in any one of the following subjects: Physics, Chemistry, Biology, Advanced Mathematics; or the additional year may be made up from

any two of the following subjects: Greek History, English History, American History and Civil Government, Solid Geometry, Physiology.

MATHEMATICS

1. Algebra, through Equations of the Second Degree, including Ratio and Proportion, Arithmetical and Geometrical Progression, and the use of the Binomial Formula.

2. Plane Geometry, including all the original exercises as given by Wells or Wentworth.

ENGLISH

I. *Reading and Practice*—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics to be chosen by the candidate from a considerable number set before him in the examination paper. The treatment of these subjects is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions on other written work done in connection with the reading of these books. The books for this part of the examination will be:

For 1907 and 1908, Irving's Life of Goldsmith; Shakespeare's Macbeth and Merchant of Venice; The Sir Roger de Coverley Papers in the Spectator; Coleridge's The Ancient Mariner; Scott's Ivanhoe and the Lady of the Lake; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

For 1909, 1910, 1911.

Group I. (two to be selected).

Shakespeare's As You Like It, Henry V, Julius Caesar, The Merchant of Venice, Twelfth Night.

Group II. (one to be selected).

Bacon's Essays; Bunyan's The Pilgrim's Progress, Part I;

The Sir Roger de Coverley Papers in the Spectator; Franklin's Autobiography.

Group III. (one to be selected).

Chaucer's Prologue; Spenser's Faerie Queene (selections); Pope's The Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury (First Series) Books II. and III., with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV. (two to be selected).

Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe; Scott's Quentin Durward; Hawthorne's The House of the Seven Gables; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; Dickens' A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

Group V. (two to be selected).

Irving's Sketch Book; Lamb's Essays of Elia; De Quincey's Joan of Arc and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays (Selected); Ruskin's Sesame and Lilies.

Group VI. (two to be selected).

Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series) Book IV, with especial attention to Wordsworth, Keats and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought The Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Hervé Riel, Pheidippes.

II. *Study and Practice.*—This part of the examination presupposes a careful study of the works named below. The examination will be upon subject-matter, form and structure, and will also test the candidate's ability to express his knowledge with

clearness and accuracy. The books for this part of the examination will be:

For 1907 and 1908, Shakespeare's Julius Caesar; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essay on Addison and Essay on Johnson.

For 1909, 1910, 1911.

Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

Students admitted without Greek may begin the study of Greek in the Freshman year and go on to the regular courses in that language.

According to the "point" system the above requirements may be summarized as follows:

For admission to the Freshman Class, 26 points must be offered by the student: of these, required subjects count 19 points, and the remaining 7 may be selected from the optional subjects.

To count 2 points, a subject must be pursued for one school year, with five recitation periods a week.

REQUIRED SUBJECTS

College Entrance English	Counts 4 points
Latin	" 8 "
Algebra	" 4 "
Plane Geometry	" 2 "
Roman History	" 1 "

OPTIONAL SUBJECTS (7 POINTS)

(If Greek is not taken, French or German must be; and if Greek is chosen, Greek History must be taken also).

(If Modern Languages are chosen, not less than 4 points will be accepted).

Greek	Counts	6 points
Each year of French	"	2 "
*Chemistry	"	2 "
*Physics	"	2 "
*Biology	"	2 "
Advanced Mathematics	"	2 "
Solid Geometry	"	1 "
Each year of German	"	2 "
Greek History	"	1 "
English History	"	1 "
American History and Civil Government	"	1 "
Physiology	"	1 "

This outline is substantially as recommended by the Maine Association of College and Preparatory Schools.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the college. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing. No student will be admitted to the College without giving proof of a good moral character.

All candidates for advanced standing will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

*The work in the sciences must include certified note-books exhibiting the results of experimental work performed by the students.

Certificates of regular dismission will be required from those who have been members of other colleges.

Students of good character who are prepared to do college work, may be admitted to special courses under the direction of the Committee on Registration. All students who can do so are advised to matriculate for a degree, and no one will be allowed to use the privilege here offered for the purpose of securing a merely nominal connection with the college. Special students are subject to the same regulations regarding attendance and examinations as candidates for degrees, and must take fifteen hours of class-room work per week.

The regular examinations for admission to college begin on Monday preceding Commencement, and on Monday preceding the first day of the Fall Term, at 9 o'clock A.M., in Room No. 5, Hathorn Hall. Arrangements may be made for taking examinations at the student's own school on the 3d Monday preceding Commencement.

Courses of Instruction

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive.

All the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

PHILOSOPHY

The courses in this department are as follows:

I. Christian Ethics. The aim of this course is to derive from the life and teachings of Christ the ideals and principals that are permanently applicable to human conduct, and to show their relations to the problems of individual character and of social progress presented in the life of today. The Bible and Stalker's "Life of Christ" are used as text-books. There is a constant endeavor to make the work practical. To this end, topics requiring special reading are assigned, essays and discussions are prescribed, and occasional talks and lectures are given. Freshman year, first term; one hour a week.

II. Psychology. James's "Briefer Course" as far as Chapter XI. An attempt is made to combine the methods of

the "New Psychology" with those of the "Old." Mental life is studied so far as possible in its relation to neural conditions. The nature and processes of the various orders of sensation are exemplified from every-day experiences. It is the constant aim to translate principles into facts; to explain abstractions by particular instances. Simple experiments for determining reaction time for the different senses are introduced. Each student selects from a prescribed list certain habits to form and carefully notes and records the results. The tests and examinations are given for the purpose of determining how far the knowledge gained can be applied. Junior year, third term; three hours a week.

III. Psychology. James's "Briefer Course" from Chapter XI. The text-book is supplemented by talks, informal lectures, and required reading. The student is encouraged to compare the authorities consulted with the conclusions that he derives from introspection; and an attempt is made, especially in the study of Attention, Association, Imagination, and Memory to discuss and compare differences in mental individuality. So far as practicable, Psychology is made to shed light on the problems of Education and to yield practical suggestions to teachers. In the consideration of the Instincts, the Emotions, and the Will, the work is conducted largely from the ethical as well as the pedagogical point of view. Senior year, first term; three hours per week.

IV. History of Philosophy. This course is designed to give the student not merely an epitome of the systems of the great reflective thinkers of the past, but to serve more as a historical introduction to the unsolved problems which confront man when he tries to understand comprehensively himself and the world around him. By this genetic study these problems are seen in their historical setting and some conception is gained of their indirect but vital bearing upon man's social, ethical, and religious relations to his fellow-men and to the

World-Ground. The course centers largely around the philosophical beliefs of ancient Greece, especially the works of Socrates, Plato, and Aristotle, and in the development of modern thought beginning with Descartes. The essential principles of these modern philosophers are examined not simply that the student may know what their teachings were, but critically, that there may be throughout the course the laying of foundation truths for real constructive work. There is no greater safeguard against scepticism than a careful examination of the principles which have led to such steps in the progress of thought.

The course is a three hour course open to Seniors the first term of the college year.

V. Logic. Special effort is made to elucidate the mental processes involved in the formation of Concepts, in Deductive Logic, and particularly in Induction and the Scientific Method. Attention is directed to the grounds of induction and the validity of knowledge and, as much as the time allows, to historic inquiry into the rise and relationship of the various schools of philosophic thought. Senior year, second term; Three hours a week. Elective.

VI. Ethics. The text-book is supplemented by lectures, discussions, and special reading. Ethics and Evolution are discussed in their relation to each other and are shown to be in harmony. The various theories of Morals are reviewed, and Perfection, or the Good, is shown to be the true ideal. The Good and the Right are found to be only different aspects of the same principle; and both Self-Love and Altruism are shown to be as essential in Morality as in Evolution. The continuous purpose disclosed by Evolution necessitates belief in God and shows the dependence of Morality upon Religion. The moral Ideal proves to be the Christian Ideal, and the Kingdom of God the Kingdom of the Good and Right. Christianity is found to be the final outcome of Evolution in

Religion. Senior year, third term; three hours a week. Elective.

VII. History of Education and Pedagogy. This course, while based upon Monroe's Text-book in the History of Education, is supplemented throughout the year with lectures by the instructor, and with required reading and reports by the student. It is intended primarily for students expecting to teach, but the work is made comprehensive enough to justify its place in the college curriculum as an elective open to all the Seniors.

I. The first term's work is given to an historical survey of the educational ideas of the ancient world. By tracing from their inception to their conclusion the conceptions of these nations, a solid foundation is laid for judgment upon many of our modern problems. Egypt, India, China, and the Hebrews are briefly considered and their ideas summarized. A more thorough study is made of the ideas of Greece and Rome, not only because they are the direct antecedents of our modern civilization but also because many of their ideas are of inherent worth. Practical inferences both as to the content of tneir conception and as to their methods are kept permanently before the student.

II. The work of the second term begins with a study of the changes in the conception of education wrought by the introduction of Christianity into the world. Following this the work of individual reformers is taken up and Rabelais, Montaigne, Bacon, Comenius, and Rosseau, and the movements for which they stood, are considered. Their work and methods will be critically examined and the elements of value sifted from the mass of formal detail.

III. The work of the third term is consistently psychological and practically pedagogical. The modern educators whose names have become household words in educational

science will be studied and their work made to serve as the basis for a thorough investigation into the psychological principles underlying all educational work. Grounded upon the conclusions of the two preceding terms, definite constructive work will be undertaken and the nature of the best approved methods mastered.

This work is a three hour course throughout the year.

GREEK

The courses in Greek are so arranged as to give the student a firsthand acquaintance with nearly all the divisions of the wide and varied field of Classical Greek Literature—Epic and Lyric Poetry, the Drama, the Historians, the Orators, Plato and Theocritus. The foremost purpose is to lead to an appreciation of the individual master-pieces read. At the same time the student is encouraged to become acquainted with the entire groups of which these separate works are specimens, and with the history, civilization and art of the periods to which they belong. Lectures and class and individual assignments of library work serve to enlarge the outlook gained from study of a single text. With the same end in view as many additional works as possible are covered through sight reading, and the reading and discussion of translations. While drill in grammar and syntax is not made the main end, accuracy and precision in these subjects are insisted upon throughout the course. Another constant purpose is to prepare intelligent and enthusiastic teachers of the Classics.

1. The Odyssey, selections from Books XIII–XXIV. Three hours; first term.

2. Herodotus, Books VII and VIII. Three hours; second term.

3. Lysias, Selected Orations. History of Greek Literature. Three hours; third term.

(Courses 1, 2, and 3 are required of all Freshmen who offer Greek for entrance).

4. Sophocles, Oedipus Tyrannus. Collateral reading of the other extant tragedies of Sophocles in Plumptre's version, and of specimen plays of Aeschylus and Euripides. Elective for Sophomores and Juniors. Three hours; first term.

5. Greek Lyric Poetry. Elective for Sophomores and Juniors. Three hours; second term.

6. Plato, Apology and Crito, with reading of other dialogues in Jowett's version. Elective for Sophomores and Juniors. Three hours; third term.

7. Thucydides, History of the Expedition against Syracuse. Elective for Sophomores and Juniors. Three hours; first term.

8. Theocritus, Idyls. The literature and social conditions of the Alexandrian Period. Elective for Sophomores and Juniors. Three hours; second term.

9. Pindar, Selected Odes. Elective for Sophomores and Juniors. Three hours; third term.

(Courses 7, 8, and 9 will be omitted in 1906–7).

Special attention is called to the following courses, designed for students who enter College with a preparation in French and German instead of Greek, and who wish to begin Greek in the Freshman year. It is perfectly feasible for a student taking these courses to cover thoroughly in less than two years substantially all the Greek required for admission to College. The same credits are given for these courses as for regular courses 1 to 5.

1, *a*. White's First Greek Book. Five hours; first term.

2, *a*. First half term, White's First Greek Book, completed. Second half, Xenophon's Anabasis. Five hours; second term.

3, *a*. Xenophon's Anabasis, to end of Book II. Five hours; third term.

4, *a*. Xenophon's Anabasis, Books III and IV. Review of Grammar and Syntax. Sophomore year. Four hours; first term.

5, *a*. Homer, Selected Books from the Iliad or Odyssey. Sophomore year. Four hours; second term.

Students who have completed course 5, *a*, will take course 3 the third term of Sophomore year.

LATIN

Latin is offered throughout the four years, three hours a week, and is required of all Freshmen. The courses for Juniors and Seniors are given in alternate years, and are open to both classes.

1. Livy: Selections from Books XXI and XXII. Review of the syntax af the Latin verb and noun. First term.

2. Selections from Latin Poets. Ennius, Catullus, Tibullus, Ovid, Phædrus, Seneca, Martial, (*The Harvard Selections*). Lectures on the history of Latin Literature. Second term.

3. Horace: Odes and Epodes. Study of Horatian meters. Third term.

4. Cicero: *De Senectute* and *De Amicitia*, with special attention to interpretation. Elective for Sophomores. First term.

5. Latin Comedy: *Menœchmi* or *Captivi* of Plautus, and *Phormio* of Terence. Lectures on the relation of the Latin to the Greek comedy. Elective for Sophomores. Second term.

6. Latin Composition. The work of *Latin 6* is especially adapted to the needs of such students as expect to teach

Latin in later years. Elective for Sophomores who have completed *Latin 4*. Third term.

7. Juvenal: Selected Satires. Martial: Selected Epigrams. Roman private antiquities. Elective for Juniors and Seniors who have completed at least one elective course. First term. Omitted in 1906–07.

8. Tacitus: Annals. Books I–IV. Life of Tiberius. Elective for Juniors and Seniors who have completed at least two elective courses. Second term. Omitted in 1906–07.

9. Pliny the Younger: Selected Letters. Elective for Juniors and Seniors who have completed at least two elective courses. Third term. Omitted in 1906–07.

10. The Elegiac Poets of the Augustan Age. Tibullus, Propertius, and Ovid. Elective for Juniors and Seniors who have completed at least one elective course. First term.

11. Cicero: *Tusculan Disputations*, Book I, and *The Dream of Scipio*. Cicero as a student of philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Second term.

12. Horace: Satires and Epistles. Lectures on suitable topics. Elective for Juniors and Seniors who have completed at least two elective courses. Third term.

GERMAN

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years, three hours per week.

The aim of the required work is the acquisition of a thorough knowledge of the fundamentals of German grammar and the ability to translate into good English fairly difficult German prose and poetry. The aim of the elective work is a

sympathetic literary interpretation of all texts read, an introduction to the masterpieces of the German drama of the classical period, a general knowledge of the history of German literature and a comprehensive view of the tendencies in German literature since Goethe's death.

Careful drill in pronunciation and the intelligent reading of the German text are insisted upon. Some practice in conversation is given, and German is used in the class-room as far as is deemed advisable by the instructor. In the elective courses a large amount of collateral reading outside the class-room is expected. Advanced grammar and composition are not lost sight of throughout the course, although no specialty is made of these subjects after the first year.

1. Elementary Course. Grammar. Easy prose composition. Three hours; first term.

2. Elementary Course. Translation of easy German prose. Grammar. Prose Composition. Three hours; second term.

3. Elementary Course. Translation of German prose and poetry. Prose composition. Grammar. Three hours; third term.

(Courses 1, 2, and 3 are required of all Sophomores who did not present German for entrance).

4. German Literature of the Eighteenth Century. Lessing: *Nathan der Weise*, *Minna von Barnhelm*. Lectures on Lessing's life and works. History of German Literature from 1500 to 1748 in brief outline. Outside reading in Heyse and Guerber. Three hours; first term.

(Elective for Juniors who have passed in German 1, 2, and 3).

5. German Literature of the Eighteenth Century. Schiller: *Wallenstein*, *Wilhelm Tell*. Selections from Schiller's ballads and lyrics. Lectures on Schiller's life and

works. History of German Literature from the earliest times to 1050 in brief outline. Outside reading in Baumbach and Gerstäcker. Three hours; second term.

6. German Literature of the Eighteenth Century. Goethe; *Götz von Berlichingen*, *Dichtung und Wahrheit* (selections). Lectures on Goethe's life and works. History of German Literature from 1050 to 1500 in brief outline. Outside reading in Riehl and Hauff. Three hours; third term.

7. Goethe: *Faust*. Part I and selected portions of Part II. In addition to a critical study of the text, special attention is given to the history of the *Faust* legend and the life of Goethe as reflected in *Faust*. Outside reading in connection with the *Faust* theme. Three hours; first term.

8. German Literature in the first half of the Nineteenth Century. Kleist, Heine, Grillparzer, Freytag. Advanced Composition and Conversation. Outside reading in Eichendorff and Storm. Three hours; first term.

9. German Literature in the second half of the Nineteenth Century. Fulda, Ludwig, Wildenbruch, Hauptmann, Sudermann. Advanced Composition and Conversation. Outside reading in Seidel and Keller. Three hours; third term.

(Courses 5–9 are elective for students who have passed in German 4 or its equivalent).

10. German Seminary. Special work with advanced students. In 1906–07 the subject will be The Romantic Movement in German Literature.

11. Teacher's Course. A general review of German grammar. Essentials of phonetics. Practice in conversation. Discussion of the theories of instruction in the modern languages. One hour; second and third terms.

(Courses 10 and 11 do not count for a degree).

ROMANCE LANGUAGES

FRENCH

The aim of the required courses in French is to give the student a thorough drill in grammar and pronunciation, facility in translation of easy prose, some knowledge of composition, and the power to express himself intelligibly on familiar subjects in the spoken French language. The texts for reading have been selected from the works of the best modern writers. Freshmen entering with one or more years of French will be required to do the advanced work indicated instead of Courses 1, 2, and 3.

The elective work has been arranged with a view to meeting the requirements of students who desire a literary as well as a linguistic knowledge of French. The growth and development of French literature through the seventeenth, eighteenth, and nineteenth centuries will be shown from the works read and criticized, and from the discussion of special topics introduced at suitable points; while linguistic studies will be continued throughout the elective courses by means of progressive exercises in composition including conversation, dictation, memorizing of fables, anecdotes and poems, study of idioms and special grammatical subjects. Careful attention will be given to the study of the life and times of the authors read, as well as to the rise and growth of various literary and political institutions of France. At least one hundred fifty pages from French texts, as home reading, will be required with each elective course, and not less than two tests will be given on such texts, each term. These courses are sequential; and while they may be dropped at any point, they may not be resumed when once abandoned, since each course involves a knowledge of those preceding. In the Senior year a prize of ten dollars is offered for the greatest number of pages, from selected French texts, read at home and properly reported upon.

The course in history of French literature includes an historical study of the language, showing the relations of classical and popular Latin to modern French; a careful survey of the first and second Romantic periods; a brief review of early humanism; investigation of the origin of the Renaissance; discussion of the French Revolution with reference to literature, and many other special topics of like importance.

1. Fraser and Squair's grammar, with exercises in dictation, conversation and composition. Required of all Freshmen having no knowledge of French. Two hours; first term.

1. *a.* Reading in class of Daudet's *Tartarin de Tarascon* and at home of a collection of short stories by the same author. Careful study of pronunciation, with dictation and memorization of anecdotes. Required of Freshmen who have had one year of French. Two hours; first term.

1. *b.* Reading of Lamartine's *Jeanne d' Arc* in class and of Saintine's *Picciola* at home. Exercises in dictation and memorization. Required of Freshmen who have had two years of French. Two hours; first term.

1. *c.* Reading in class from Balzac and at home of Feuillett's *Jeune Homme Pauvre.* Exercises in dictation and memorization. Required of Freshmen who have had three years of French. Two hours; first term.

2. Continuation of Course 1, with reading in class of *Le Conscrit de 1813*, and at home of Bruno's *Tour de la France.* Required of all Freshmen who have completed Course 1. Three hours; second term. For additional Freshman course, see Course 4.

3. Continuation of Course 2, with class reading of *Madame Thérèse* or *Waterloo*, and at home of selected short stories. Required of all Freshmen who have completed Course 2. Three hours; third term.

3. *a.* Reading of Hugo's *Notre-Dame de Paris.* Required of all Freshmen who had studied French before entering college. Three hours; third term.

4. Reading and criticism of seventeenth century writers; Corneille, *Le Cid*, *Cinna*, *Polyeucte.* Study of the life of Corneille and his relation to the Spanish drama. Elective for Sophomores who began French after entering college, and required of all Freshmen who had studied French before entering. Three hours; second term.

5. Continuation of study of seventeenth century writers: Racine, *Esther*, *Athalie*, *Iphigénie*, *Andromaque;* Madame Sévigné, selected letters. Study of Boileau and the salons. Elective for Sophomores who have completed Course 4. Three hours; third term.

6. Reading in class-room of Moliéres *L'Avare*, *Les Prècieuses*, *Ridicules*, *Les Femmes Savantas*, *Le Bourgeois*, *Gentilhomme*, *Tartuffe.* Special study of the Age of Louis XIV, and the Hôtel de Rambouillet. Weekly reports on collateral reading from French texts. Elective for Juniors who have completed Course 5. Three hours; first term.

7. Reading in class-room of selected works of Voltaire, Marivaux, Beaumarchais, and Bernardin de St. Pierre. Special study of the social and religious conditions in France during the eighteenth century. Weekly reports on collateral reading assigned from Rousseau's *Emile.* Elective for Juniors who have completed Course 6. Three hours; second term.

8. Study of nineteenth century authors: Chateaubriand, *Atala*, *Renè*; Lamartine, selections from the *Médiations*, *Graziella*; De Musset, selected lyrics and dramas. Reading of Carlyle's *French Revolution.* Reports on collateral reading from French texts. Elective for Juniors who have completed Course 7. Three hours; third term.

9. Study of Hugo; *Hermani*, *Ruy Blas*, selections from the novels and lyrics. Reading of Pellissier's *Literary Movement in France During the Nineteenth Century*, and Hugo's life. Elective for Seniors who have completed Course 8. Three hours; first term.

10. Reading in class-room of selections from Sainte-Beuve's *Causereis du Lundi* and from Madame de Staël and George Sand. Study of the history of the French Academy and of La Comèdie Française. Reports on collateral reading. Review of the grammar with reference to teaching. Elective for Seniors who have completed Course 9. Three hours; second term.

11. Selected dramas of Coppée, Sardou, Rostand. Selections from Pierre Loti, Daudet, for sight reading. Review of grammar continued. Elective for Seniors who have completed Course 10. Three hours; third term.

12. History of French literature, with readings from best writers and lectures on special topics. This is largely a library course. Open to Juniors and Seniors two hours per week, three terms, alternate years.

ITALIAN

Students electing Italian will be required to continue the subject throughout the year.

1. Grandgent's Italian grammar and Bowen's Italian reader. Exercises in dictation, conversation, and composition. Elective for Juniors and Seniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, and composition from Grandgent's text. Reading in class of Testa's *L'oro e L'Orpello* and Goldoni's *La Locandiere*, and at home of De

Amicis' *Cuore*. Dictation and conversation. Elective for Juniors and Seniors who have completed Course 1. Three hours; second term.

3. Goldoni's *Il Vero Amico*, selections from Manzoni's *I Promessi Sposi*; first, second, and third cantos of Dante's *Inferno*. Elective for Juniors and Seniors who have completed Course 2. Three hours; third term.

SPANISH

Students electing Spanish will be required to continue the subject throughout the year.

1. Ramsey's Spanish grammar and reader. Exercises in dictation, conversation, and composition. Elective for Juniors and Seniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, composition, and conversation. Reading in class-room of Padre Isla's translation of Lesage's *Gil Blas*, and Caballero's *La Familia de Alvareda*. Home reading: Fontaine's *Cuentos Escogidos*, Vega's *El Indiano*, Valera's *El Pàjaro Verde*. Elective for Juniors and Seniors who have completed Course 1. Three hours; second term.

3. Continuation of grammar, composition, and dictation. Reading in class-room of Alarcón's *El Capitán Veneno* and selections from *Don Quijote*. Home reading: Alarcón's *El Final de Norma and* Galdós' *Marianela*. Elective for Juniors and Seniors who have completed Course 2. Three hours; third term.

ENGLISH

1. Composition and Rhetoric. A systematic study of Description: the writing of weekly themes on assigned and elective topics. Baldwin's Specimens of Prose Description furnish models for Composition work. Hill's Foundations of Rhetoric. Constant reading outside of class is required. Two hours; first term.

2. Composition and Rhetoric. A systematic study of Narration: the writing of one short story each week; the application of Descriptive writing to Narration. Brewster's Specimens of Narration. Hill's Foundation of Rhetoric. Required reading. Two hours; second term.

3. Composition and Rhetoric. A systematic study of Exposition; the application of method and outline to essay, criticism, lecture, address, oration, editorial article and sermon; a careful explanation of the relation of exposition to argumentation. Lamont's Specimens of Exposition. Hill's Foundation of Rhetoric completed. Two hours; third term.

(Courses 1, 2, and 3 are required of all Freshmen).

4. Argumentation. Baker and Huntington's Principles of Argumentation (revised); brief-drawing; the preparation and delivery of debates. Required reading of master-pieces. Three hours; first term.

5. Debating. Each member of the class is required to draw up a certain number of briefs; to write from these briefs finished debates; to deliver debates orally from brief before his class. Three hours; second term.

6. Advanced Composition. Open to those who have shown excellence in some form of composition. The work is therefore adapted to individual needs and ambitions. Third term; three hours.

NOTE.—All written work in courses 1 to 6 is corrected and returned to the writer with criticism and suggestions. Every

student is required to meet the instructor at stated hours for conference. Hours are also sat apart for voluntary conference.

7. Advanced Argumentation. Open to a limited number of Juniors and Seniors who desire to prepare for intercollegiate debating, and who have shown ability in previous work in Argumentation.

8. The drama. Lectures on the origin and development of the drama, and its history from Æschylus to Shakespeare. Critical study of selected plays of Shakespeare, with required reading of other works of the Elizabethan age. Outline History of English Literature, one hour each week. Four hours; first term.

(Required of all Juniors).

9. Literature of the Seventeenth and Eighteenth Centuries. Critical study of selected works of prose and poetry, with lectures on the literary history and biography of the period. Required reading of other works, with research in the Library; reports, abstracts, and discussion in class. Four hours; second term.

10. Literature of the Eighteenth and Nineteenth Centuries. Critical study of selected works, with lectures. Required reading of other works, and investigation of special topics. Four hours; third term.

11. Lectures on literary criticism, with special reference to fiction. Reading of selected works of the Nineteenth Century. Investigation of topics in literary history and criticism. Four hours; first term.

12. History of the English Language. (First six weeks). Critical study of Chaucer; Prologue to The Canterbury Tales, and two of the Tales. Topical study of English history in the time of Chaucer. (Last six weeks). Four hours; second term.

13. English Literature of the Nineteenth Century. Seminary. Special study of Tennyson and Browning. Four hours; third term.

(Courses 7 to 11, inclusive, are elective for Juniors and Seniors).

14. Teachers Course. Designed for those who expect to teach English in secondary schools. Extra 1 hour per week; second and third term.

SOPHOMORE PRIZE DEBATES

Preliminary Debates.—All Sophomores are required to take part in these debates, the subjects of which are announced in the first term of Freshman year. A prize for excellence in debate is awarded in each division of the class. Second term.

Champion Prize Debate.—The speakers presenting the best arguments in the Preliminary Debates compete in the Champion Prize Debate, held during Commencement week; all other Sophomores present Essays on a prescribed subject, in competition for a prize. Third term.

REQUIRED COMPOSITION WORK OF JUNIOR AND SENIOR YEARS

This work, in continuation of that done in courses 1 to 5, is required of all members of the Junior and Senior classes, whether they elect English or not. An essay is presented in each term as follows:

6[1]. Essays based on the study of masterpieces of Exposition or Persuasion. Junior year, first term.

7[1]. These on subjects requiring extended investigation. Junior year, second term.

8[1]. Original declamations on assigned subjects. Each member of the Class reads his declamation before a committee, by whom the best twelve are selected for delivery in a

prize contest during Commencement week. Junior year, third term.

9[1]. Essays in criticism of some classic in English or American fiction. Senior year, first term.

10[1]. Original Parts for the Senior Exhibiton. Each student reads his part before a committee, who choose twelve to speak in the Exhibition. Senior year, second term.

11[1]. Commencement Parts. Every member of the class writes a part, but the Commencement speakers are chosen on the basis of scholarship. Senior year, third term.

MATHEMATICS

1. Algebra. Ratio and proportion, variation, series, binomial theorem, undetermined coefficients, logarithms, permutations and combinations, probability, continued fractions, theory of equations, graphic algebra. (Well's College Algebra). First term; four hours each week.

2. Geometry. Solid geometry, which includes polyhedral angles, the various solids bounded by planes, the cone, the cylinder, and the sphere. This course includes a large amount of orginal work in demonstration and computation. (Phillips and Fisher). Second term; four hours each week.

3. Trigonometry. Plain and spherical Trigonometry, with problems and applications. (Wells). Third term; four hours each week.

(Courses 1, 2, and 3 are required of all Freshmen. A brief elective course is given in elementary surveying, largely by lectures).

4. Plain Analytical Geometry. (Nichols). First term; three hours each week.

5. Plane Analytical Geometry, including Higher Plane Curves, completed. Four weeks of second term; three hours each week.

5^1. Analytical Geometry of three dimensions (Nichols). Last eight weeks of second term; three hours each week.

6. Differential Calculus with applications (Taylor). Third term; three hours each week.

(Courses 4, 5, 5^1, and 6, are elective for Sophomores, or any others who may have taken Courses 1, 2, and 3).

7. Differential Calculus completed. First term; two hours each week.

8. Integral Calculus, with applications (Taylor). Second term, two hours each week.

9. Integral Calculus completed. Third term; two hours each week.

(Courses 7, 8, and 9 are elective for Juniors, or any others who may have taken the previous courses).

CHEMISTRY

Work in this department includes recitations, lectures, and laboratory practice, and continues through the Sophomore, Junior, and Senior years. The study begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

1. Inorganic Chemistry, the non-metals. This course is devoted to the elementary principles of the science. It deals with the nature and properties of a few common elements and the application of the fundamental laws and theories concerning their combination. Recitations and experimental lectures. Three hours; second term.

2. General and Experimental Chemistry. A continuation of Course 1, dealing largely with the metallic elements and including a few of the more common carbon compounds.

Recitations and lectures with laboratory work. Three periods; third term.

Courses 1 and 2 are required of Sophomores entering without Chemistry.

3. Qualitative Analysis. An inductive course of basic analysis, and the preparation of a variety of inorganic salts.

Three exercises (six hours); first term. Elective for all who have taken Courses 1 and 2, or their equivalent.

4. A continuation of Course 3. Acid and blowpipe analysis, and the separation of a large number of mixed compounds.

Three exercises (six hours); second term. Elective for those who have taken Course 3.

5. Organic Chemistry. An introduction to the study of the compounds of carbon. The methane and benzene series and their derivatives.

Three exercises (six hours); third term. Elective for Juniors.

6. Quantitative Analysis. Laboratory practice in the use of the methods of gravimetric and volumetric analysis; separation and estimation of metals, acids, and water of crystallization.

Three exercises (six hours); first term. Elective for students who have taken Courses 3 and 4.

7. A continuation of Course 6, with special work on ores, alloys and mineral waters.

Three exercises (six hours); second term. Elective for students having the necessary qualifications.

8. General Organic Chemistry. Quantitative work. Lectures and Laboratory work on a variety of food products and their common adulterants.

Three exercises (six hours); third term. Elective for students who have done superior work in Courses 5 and 6.

9. Physiological Chemistry. Lectures and Laboratory work.

Three exercises (six hours). Elective for Seniors.

The Laboratory exercises of the last three courses are varied according to the tastes and requirements of individual students.

PHYSICS

Physics is required of all Sophomores. It is elective to all Juniors and to such Seniors as have completed the elective work in Mathematics.

1. Elementary Mechanics and Sound. This as well as courses 2 and 3, involves only elementary mathematics. Lectures and recitations three hours. Sophomore required course, first term.

2. Light and Heat. Lectures and recitations three hours; Sophomore required course, second term.

3. Electricity and Magnetism. Lectures and recitations three hours; Sophomore required course, third term.

4. General laboratory work in mechanics and sound. Each student is required to hand in a neat and comprehensive report of each experiment performed.

Two exercises (six hours); first term. Elective to Juniors.

5. Heat and light. Continuation of Course 4. Two exercises (six hours); second term. Elective to Juniors who have taken Course 4.

6. Electricity and magnetism. Continuation of Course 5. Two exercises (six hours); third term. Elective to Juniors who have taken Course 5.

7. Introduction to mathematical physics, including applications of the calculus to physical problems and study of elementary differential equations. Three hours, first term.

Elective to Seniors who have completed Course 6, and Mathematics 9.

8. Electricity and magnetism. Advanced theoretical and laboratory work. Three hours, second term. Elective to Seniors who have completed Course 7.

9. Physical manipulation. This course is designed to aid students who expect to teach physics, in becoming familiar with the simpler operations in the laboratory. It includes elementary bench and lathe work, soft and hard soldering, simple glass blowing, the operation and care of electrical machinery and photography. Three hours, third term. Elective to Seniors who have completed Course 8, and a limited number of those who have completed Course 6.

GEOLOGY

The course in Geology, elective for the Seniors, begins with the second term and continues throughout the year. Le Conte's Elements of Geology is the text-book used.

1. The first term's work is devoted to Structural and Dynamical Geology. The forces now modifying the physical condition of the earth will be carefully studied as the basis upon which to base our conclusions concerning geological time. Such work in mineralogy as is necessary for identifying the different rocks and minerals found in this region will be given in connection with this term's work.

2. Having laid the foundation for our conclusions, the second term's work is devoted to a study of the life forms which characterized the different eras, ages, periods, and epochs of the earth's history. The laboratory method will be employed as far as practicable. Frequent excursions will be made to various points of interest around Lewiston, and the students will be encouraged to verify by personal observation the statements of the text.

The richness of the country near in minerals and in various dynamical features makes this work extremely helpful and instructive.

This work is a three hour course for the two terms.

ASTRONOMY

The course in Astronomy occupies the first term of the Senior year and is elective for that class. The text used is Young's Manual of Astronomy. While the work will be largely descriptive, such mathematical principles as are required for understanding the practical applications of this science will be mastered. By a series of observations the student will become acquainted with the various constellations and the more important fixed stars. Various photographic slides for the stereopticon will assist the student in getting a clear conception of some of the more interesting features of the heavens.

PHYSIOLOGY

Instruction in this course is given by recitations, lectures, and laboratory demonstrations. The first few weeks of the course are spent in a careful histological study of the various tissues—including practical demonstrations with the microscope. In connection with the recitations upon physiological problems, lectures in hygiene are given. The practical value of the course is greatly augmented through the use of the Bock Stegers Anatomical Models of the heart, eye, ear, trunk, etc.; also by use of a human skoleton. As a text-book, Martin's Human Body is used. This course is required for Freshmen who do not offer Greek for entrance, and is given during the first term, three hours; second term, three hours; third term, three hours.

BIOLOGY

BOTANY

1. Morphology, Physiology, and Ecology of Flowering Plants.

The method of instruction in this course consists of recitations upon the above subjects as they are developed by a study of the text-book, by lectures and in laboratory work, and also of a series of laboratory exercises, in which a careful study is made of the morphology of the various parts of the plant body. The seeds, roots, stems, leaves, flowers and fruit are taken up in succession; the structure and relation of these parts to the life processes of the plant are recorded in the laboratory note-book, by means of drawings and descriptive notes. Sufficient time is given to flower analysis so that each student has such practice as will make him familiar with the method of work. Considerable attention is given to field work.

The aim of this course is two-fold: (1) To give the student a general yet comprehensive knowledge of the life processes and structure of the flowering plants; and (2) to begin the training which is so essential to all scientific work—that of accurate observation.

Course 1 is given during the third term, three periods, and is required work for all Freshmen.

2. Typical Course on the General Classification of the Plant Kingdom.

The work of this course comprises recitations, lectures, and laboratory exercises. A study is made of the principles upon which modern classification is based. Type specimens representing the various groups and sub-divisions of the vegetable kingdom are taken up and studied as to their distinctive characteristics, structure, etc., together with a consideration of the inter-relations of the groups.

In the laboratory the student studies and sketches most of the specimens taken up in recitation.

Field work constitutes an important part of this course. Weekly trips are taken into the surrounding country for the purpose of collecting and studying the plants in their natural environments. This field work is especially helpful in fixing in the student's mind the general classification of the plant kingdom.

It is the aim of the course to give the student a knowledge of what organisms the plant kingdom includes and how these same organisms are grouped in a general classification.

Course two is given during the third term, three periods, and is elective for Juniors.

3. Cryptogamic Botany.

This is a laboratory course, combined with some lecture and recitation work. It is mainly a study of the morphology of cryptogamic plants, beginning with the lowest Thallophytes. The work requires the use of the compound microscope quite constantly, and the members of the class obtain thereby a practical knowledge of the simpler manipulations of the microscope and preparations of sections. Each student is required to offer for inspection twenty-five stained and permanent sections. Carefully kept note-books with drawings and descriptive notes are required throughout the course.

The two chief objects of the course are: (1) the acquiring of a knowledge of the morphology of the cryptogams; and (2) accurate observations and correct interpretations of the same. The course is given during the first term, three periods (six hours), and is elective for Juniors and Seniors.

ZOÖLOGY

1. General principles of Zoölogy.

Instructions in this course is given by recitations. Its aim is to teach the general principles of the subject. The course follows chiefly the text of Hertwig's General Principles of Zoölogy; taking up the sub-divisions and history of the subject, the structure, development, and functions of cells, tissues, and organs, general embryology, etc.

The course is given during the first term, three hours, and is elective for Sophomores. Course 1 should be taken by any who contemplate future work in the subject.

2. Morphology, Biology, and General Classification of the Animal Kingdom.

The work of this course is carried on by recitations, lectures, and laboratory exercises. One of the chief aims of the course is the outlining of the principal groups of the animal kingdom, together with the study of their Biology, and Morphology. The laboratory work is confined to representatives of the chief groups of invertebrates. Typical forms are studied microscopically or dissected, and careful drawings with descriptive notes must accompany the laboratory work.

The course is given during the second term, three periods (six hours), and is elective for Sophomores.

3. Comparative Anatomy of Vertebrates.

Instruction in this course is given chiefly by laboratory exercises and lectures. Type representatives of the different groups of Vertebrata are very thoroughly dissected and studied in a comparative way, from the lower forms to the higher. All observations and records are kept by means of drawings and notes.

The course is intended especially for those who are particularly interested in Biological science, or who intend the future study of human anatomy and medicine.

Course 3 is given during the first term, three periods (six hours), and, in fact, the work of the course, as it is outlined in the above statement, extends throughout the year, including Courses 4 and 5. Course 3 is elective for Juniors.

4. Comparative Anatomy of Vertebrates.

As given in the statement above, this course is merely a continuation of the same kind of work as begun in 3. Course 4 is given during the second term, three periods (six hours), and is elective for Juniors.

5. Comparative Anatomy of Vertebrates.

This course continues the work of Courses 3 and 4. Course 5 is given during the third term, three periods (six hours), and is elective for Juniors.

6. Microscopic Technique.

In this course instruction is given by lectures and laboratory work. A study is made of the parts and use of the compound microscope, together with laboratory work upon the more essential methods of investigation. This involves practical work upon an invertebrate animal, in some of the more important methods of fixing, hardening, dehydrating, staining, clearing, imbedding, sectioning, and mounting.

The course is given during the first and second terms, three periods (six hours), and is elective for Seniors.

7. Histology.

The work is taken up by recitations, lectures, and laboratory exercises. The aim of the course is to teach the origin, development and structure of the more important animal tissues.

The course is given during the third term, three periods (six hours), is elective for Seniors, but open only to those who have taken Course 6.

ORNITHOLOGY

1. Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the first term twelve lectures are given to the Freshmen Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest list of birds observed and carefully identified between the first of December and middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each.

2. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman Class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

HISTORY

1. The History of Civilization from the fifth century to the fifteenth of our era. An effort is made first to get a clear impression, as far as may be, of Roman civilization in its decline. The invasion of the western half of the Roman Empire by the Germans is then studied in broad outlines. Thereafter the attention of the students is directed mainly to the character, power, and ideals of the mediaeval church, the

consolidation of the two nationalities, and the gradual advance of the people at large in power and intelligence.

Sophomores. First term. Three hours. Elective.

2. *Modern European History.* This course will begin with the Renaissance and Reformation and trace the development of the leading European nations to the present time, paying especial attention to the causes and results of the French Revolution.

Sophomores. Second term. Three hours. Elective.

3. *English History.* This course outlines the development of England, with chief emphasis on the growth of Democracy and of Empire, and is intended to form a background for English Literature and for American History.

Sophomores. Third term. Three hours. Elective.

4. *American History.* After a rapid review of the European background of American History and the beginning of the Colonies, the course will take up in detail the causes of the American Revolution, the establishment of our Government, and our National Development. The latter part of the course will deal especially with the principles that underlay the Civil War and the period of Reconstruction. Attention will also be given to our economic and social life.

Juniors. First term. Three hours. Elective.

5. *American Constitutional History and Government.* This course attempts to follow the evolution of our Government from the ideas common to England and America, through the theories of the American Revolution and the compromises which made possible our Constitution. The actual working of our Government will then be taken up, with especial attention to Political Parties and the current topics of Colonial and Municipal Administration.

Seniors. Second term. Three hours. Elective.

POLITICAL SCIENCE

This course will include the development of Political Theory; the fundamental principles of the State, of Government and Law: and a comparative study of the governments of England, France, Germany, and the United States, as expressed in their constitutions and as manifested in actual operation.

Seniors. First term. 3 hours. Elective.

SOCIOLOGY

A course in theoretical rather than in practical sociology. The nature of society will be investigated, its origin and evolution discussed, and the leading forms of social institutions and activities described.

Seniors. Third term. 3 hours. Elective.

ECONOMICS

1. Economics. An introduction to the meaning and the elementary principles of Political Economy. The nature of wealth, the meaning of value, the principles of exchange, and the factors and conditions of production will be discussed and as far as possible cleared up. A text book will be used, but unlimited criticism and discussion will be encouraged.

Juniors. Second term. Three hours. Required.

2. Economics. A more detailed study of aspects of the science not dealt with in the preceding term, such as Banking, International Trade, and the relation between Labor and Capital. The same general methods will be followed, but the subjects to be investigated will involve somewhat more research than that demanded by the more elementary study, and it will not always be considered possible to reach final conclusions.

Juniors. Third term. Three hours. Elective.

ELOCUTION

FRESHMAN YEAR—SECOND TERM

1. Development and training of the imaginative instinct. Simple attention and admiration of nature. Spontaniety; Freedom; Vocal Painting.

Vocal Training. Correct methods of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work one hour a week.

Prize Declamation, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR—FIRST TERM

2. Development of logical instinct. Emphasis; Inflection; Touch; Subordination; Sequence of ideas.

Vocal Training, to secure control of breath and elasticity of tone. Class work one hour a week.

Prize Declamation, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR—THIRD TERM

3. Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

Vocal Training, continued to develop agility and ease. Class work one hour a week.

SENIOR YEAR—THIRD TERM—ELECTIVE

4. Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose.

Vocal training continued. Class work one hour a week.

Open to young women only.

5. Study of different forms of oratory. Work on examples of each style, with training in gesture and attitude, as related to puplic speaking. Open to young men only.

Senior year. Third term. Elocution 4 and 5.

HYGIENE AND PHYSICAL TRAINING

HYGIENE

Lectures on Human Anatomy, Physiology, and Personal Hygiene. The lectures on Anatomy and Physiology are given as a foundation for the lectures on Personal Hygiene. Required of Freshmen. Second term.

The Director of Physical Training gives each young man entering the Freshman Class a thorough physical examination during the first term of his attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry, in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

PHYSICAL TRAINING

1. Class exercises: Military drill, setting-up exercises, and Indian-club swinging. Squad exercises (graded to suit the strength of each division): Basket-ball, indoor athletics, chest-weights, developing appliances, bar, rings, etc. From the first of November to first of April. Monday, Tuesday, Thursday, Friday. Required of Freshmen.

2. Class exercises: Setting-up exercises, dumb-bell drill. Squad exercises: Boxing, wrestling and heavy gymnastics, basket-ball, bowling, indoor athletics. Second term; Monday, Tuesday, Thursday, Friday. Required of Sophomores.

3. Class exercises: Setting-up exercises, fencing with single sticks and with broad-swords. Squad exercises:

Basket-ball, indoor athletics, heavy gymnastics. Second term: Monday, Tuesday, Thursday, Friday. Required of Juniors.

PHYSICAL TRAINING FOR WOMEN

Physical training is a necessary requisite for the best moral, mental and spiritual growth, in the attainment of strong, refined and useful womanhood. Accordingly, the aim of this department is to aid in the physical development of each young woman and to supervise the physical welfare of each during her college course.

Plan of work as follows:

The director gives each young woman entering the Freshman Class a thorough physical examination including measurements and strength tests. These are taken again at the end of the Senior year, thus showing her increased strength and development in comparison with her first measurements and strength tests. The first two months of the Fall term and the greater part of the Spring term are spent in out-door sports. Every girl is urged and encouraged to take up some form of out-door exercise, such as tennis, walking or English field hockey. For these games the College affords ample facilities. The work in the gymnasium under the personal supervision of the Director begins the first of November and continues through the Winter term.

The gymnastic work is based upon the Swedish System. The exercises consist of a great deal of free-hand floor work and light apparatus work especially adapted to women. These exercises involve the complete and powerful use of all the large groups of muscles, thus producing the essential hygienic effect, tending to correct all faulty postures and giving training in co-ordination. Games such as indoor basketball, volley-ball, captain-ball and many others played under the direction of the Director are of the greatest educational value. Fancy

steps and Gilbert aesthetic movements train especially the sense of rhythm and power of co-ordination. The practical results derived from this work are grace, ease of movement and bearing, together with a certain amount of endurance.

Practical talks and lectures in personal hygiene are given to the young women of the Freshman class.

Three hours a week required of Juniors, Sophomores and Freshmen. Two hours a week required of Seniors.

Outline of Studies

The figure preceding a subject indicates the number of the course in that study as explained on pages 21 to 55. The figure following a subject indicates the number of exercises per week. Electives are italicized. The left-hand column in the Freshman year shows the arrangement of courses for students who offer Greek for entrance; the right-hand column, the arrangement for others.

FRESHMAN YEAR

First Term

1 Latin	3	1 Latin	3
1 or 1 *a* Greek	3	1 Physiology	3
1 English	2	1 English	3
1 Mathematics	4	1 Mathematics	4
1 or 1 *a*, *b*, or *c* French	3	1 or 1 *a*, *b*, or *c* French	2
1 Christian Ethics	1	1 Christian Ethics	1
1 Ornithology	1	1 Ornithology	1

Second Term

2 Latin	3	2 Latin	3
2 or 2 *a* Greek	3	2 Physiology	3
2 English	2	2 English	3
2 Mathematics	4	2 Mathematics	4
2 or 4 French	3	2 or 4 French	3
1 Elocution	1	1 Elocution	1
1 Hygiene	1	1 Hygiene	1

Third Term

3	Latin	3	3 Latin	3
3 or 3 *a*	Greek	3	3 Physiology	3
1	Botany	3	1 Botany	3
3	Mathematics	4	3 Mathematics	4
3 or 3 *a*	French	2	3 or 3 *a* French	3
2	Ornithology	1	2 Ornithology	1
3	English	2		

SOPHOMORE YEAR			JUNIOR YEAR	
First Term				
4	English	3	8 English	4
1	German	3	3 *Chemistry*	3
1	Physics	3	4 *German*	3
2	Elocution	1	6 *French*	3
4	*Mathematics*	3	4 *Physics*	3
4	*Latin*	3	4 *History*	3
1	*History*	3	3 *Botany*	3
4 or 4 *a*	*Greek*	3	3 *Zoölogy*	3
1	*Zoölogy*	3	7 *Latin*	3
			7 *Mathematics*	2
			7 *Greek*	3
			7 *English* [*Argumentation*	3
Second Term				
5	English	3	1 Economics	3
2	German	3	4 *Chemistry*	3
2	Physics	3	9 *English*	4
1	Chemistry	3	8 *Latin*	3
5	*Mathematics*	3	5 *German*	3
5 or 5 *a*	*Greek*	3	7 *French*	3
2	*History*	3	5 *Physics*	3
5	*Latin*	3	8 *Mathematics*	2
2	*Zoölogy*	3	4 *Zoölogy*	3
4	*French*	3	8 *Greek*	3

Third Term

3	German	3	2	Psychology	3
2	Chemistry	3	2	*Economics*	3
3	Physics	3	3	*Elocution*	1
6	*English*	3	10	*English*	4
6	*Mathematics*	3	6	*German*	3
6	*Latin*	3	8	*French*	3
5	*French*	3	5	*Chemistry*	3
3	*History*	3	6	*Physics*	3
6	*Greek*	3	5	*Zoölogy*	3
			9	*Latin*	3
			9	*Mathemaiics*	2
			2	*Botany*	3
			9	*Greek*	3

SENIOR YEAR

First Term

3	Psychology	3	6	*Zoölogy*	3
11	*English*	4	1	*Spanish*	3
7	*German*	3	3	*Botany*	3
9	*French*	3	1	*Astronomy*	3
6	*Chemistry*	3	5	*History*	3
7	*Physics*	3	1	*Education*	3
10	*Latin*	3	4	*History of Philosophy*	3
			1	*Semitic Literature*	4

Second Term

5	*Logic*	3	11	*Latin*	3
12	*English*	4	7	*Zoölogy*	3
7	*Chemistry*	3	2	*Spanish*	3
8	*Physics*	3	1	*Political Science*	3
8	*German*	3	1	*Geology*	3
10	*French*	3	2	*Education*	3
			2	*Semitic Literature*	3

Third Term

4	*Elocution*	1	9	*German*	3
6	*Ethics*	3	12	*Latin*	3
13	*English*	4	3	*Spanish*	3
8	*Chemistry*	3	8	*Zoölogy*	3
9	*Physics*	3	2	*Geology*	3
1	*Sociology*	3	3	*Education*	3
11	*French*	3	3	*Semitic Literature*	3

After the first year students elect subjects enough to make not less than 15 exercises per week (16 including elocution) and not more than 19.

THE COMBINED COURSE

This course permits students of the Sophomore, Junior, and Senior classes, who have the ministry in view, to elect each year one study in the classes of Cobb Divinity School. This enables the student to complete, while in college, the equivalent of one full year's work of the divinity course; so that upon graduating from the college, two more years in the divinity school will entitle him to graduate therefrom; thus reducing by one year the length of his entire course in college and divinity school.

Students pursuing this course will take the following studies in the divinity school: While Sophomores in college, New Testament interpretation with the Junior Class of the divinity school; while Juniors in college, New Testament interpretation with the Middle Class in the divinity school; while Seniors in college, Hebrew and Old Testament History with the Junior Class in the divinity school.

MAJOR AND MINOR SUBJECTS

All candidates for the degree of Bachelor of Arts are required to choose electives with reference to major and minor

subjects. The following selections may be made: A major and two minors, two majors, or four minors. A major subject must cover at least three hours per week for three consecutive years. A minor subject is a similar course pursued for two consecutive years. In complying with the above conditions required subjects may count equally with electives. In making up their choices students are advised to consult with their class officer.

REGISTRATION

The committee on registration are in session on the first day of each term and all students are required to register at that time unless previously excused. Students failing to comply with the above requirement are charged one dollar for subsequent registration, and this sum will be collected with their term bills.

HONORS

The method of awarding honors and assigning Commencement parts is as follows: Eight honors are given for general scholarship throughout the college course—four to young men and four to young women. Two honors, one to a young man and one to a young woman, are given in each of the following departments: Philosophy (including History, Economics, Psychology, Ethics and Logic), Ancient Languages, Modern Languages, English and Elocution, Mathematics and Physics, Chemistry and Biology.

From the twenty persons receiving these honors five young men and five young women are selected by a committee to deliver Commencement parts.

LABORATORIES

CHEMICAL

On the first floor of Hedge Laboratory are the chemical lecture room, with rooms adjoining for chemicals and apparatus, and a class laboratory room fitted up with tables and sinks sufficient to accommodate thirty-two students. The large room for the general laboratory work of the classes occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories.

PHYSICAL

The department comprises a well arranged lecture-room, a large and well appointed general laboratory and apparatus room, a dynamo room and workshop, and a dark-room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing.

BIOLOGICAL

Excellent accommodations have been prepared in Science Hall for a Biological laboratory and recitation rooms. These are fitted with the necessary appliances and afford ample opportunities for thorough and extensive work in this department.

CABINETS

BOTANICAL

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England—especially of Maine plants, a part of which was gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in the identifying of species, are those that have been pressed and mounted in the herbarium of the late President Chadbourne of Williams College, Mass., which was purchased by the College.

Of this, Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working Herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc.,—in all about two thousand specimens, it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are, also, collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are, also, some fifteen hundred duplicates. All these collections are in cabinets of the most approved construction.

MINERALOGICAL

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens of great cash value.

Educational value is the only thing considered. All the common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about one thousand specimens.

LIBRARIES

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets),	* 25,750
Divinity School Library,	5,699
Eurosophian Society Library,	609
Total,	32,058

The college library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference.

THE BENJAMIN E. BATES LIBRARY FUND

In addition to a regular appropriation each year for the purchase of books, the College now enjoys the benefit of the Benjamin E. Bates Library Fund of $10,000, the income of which is devoted to the purchase of works upon History,

* This includes about 600 volumes donated by the Polymnian Society.

Economics, Sociology and Mathematics. This fund was established in 1906 in memory of Benjamin E. Bates, 1862–1906, the son of the Benjamin E. Bates whose name the College bears and himself for twelve years, 1894–1906, a devoted and efficient member of the Board of Fellows of the institution. A scholar of unusual attainments, Mr. Bates had a special interest in the subjects just named. A lawyer of wide reading and of the noblest professional ideals, he was the esteemed counselor of his associates at the Bar upon questions demanding a profound insight into great principles and an eminently judicial mind. A Christian gentleman, he combined with singular modesty and absolute sincerity unhesitating devotion to duty. The library fund bearing his name was created in 1906 by his friend, Mr. Clement S. Houghton of Boston.

UNIVERSITY EXTENSION

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the Secretary of the Faculty.

GYMNASIUMS

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are a pair of excellent bowling alleys; also convenient bathrooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

The women's dormitory contains a gymnasium sixty by forty feet and twenty feet high. Adjoining the gymnasium are the Director's office and the bath and locker room. The office is supplied with a set of anthropometric apparatus; the

bath and locker room contains four shower baths and one hundred and fifty-six lockers. All the apparatus is new and of the latest pattern, selected and arranged for work that combines the best points of the different systems of physical training. The equipment includes a complete set of Swedish apparatus, developing appliances, foils, marks, jackets for fencing, Indian clubs, dumb-bells, bar-bells. The floor is arranged for indoor gymnastic games, such as indoor baseball and basketball.

Ten fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD

The Garcelon Athletic Field, named in honor of Hon. Alonzo Garcelon, M.D., of the original governing board of the College the only trustee living, is considered one of the best in New England. It has a tasteful and commodious Grand Stand, sufficient for all present needs. The field, surrounded by a fence, is seven acres in extent. It contains a quarter-mile track, two hundred and twenty yard straightaway, take-offs for the jumps and pole vault, football field, baseball diamond, and three excellent tennis courts.

RELIGIOUS EXERCISES

At the close of the first morning recitation each day all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture and singing. The Students' Christian Associations —Young Men's and Young Women's—hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also holds a meeting Saturday evenings from 6.30 to 7.15 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are held on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for religious meetings. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

COLLEGE MAGAZINE

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES

The college has no secret societies. It is, doubtless, owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and PIÆRIAN. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evening, and are occasions not merely of social pleasure, but of most useful drill.

The programs contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in college, and hardly second in utility to any department of the curriculum.

YEARLY EXPENSES

Tuition,	$50.00	$50.00
Suites of rooms for young men, including heat (two in a suite),	22.50	to 37.50
Board (37 weeks, from $2.00 to $3.00 per week),	74.00	to 111.00
Lights, laundry, books, etc.,	20.00	to 30.00
General expenses,	21.00	to 24.00
Total,	$187.50	$252.50

Students taking Laboratory courses in Chemistry, Physics, and Biology are charged an extra fee of three dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart and hand-book.

Board in private families (laundry, fuel, etc., included), $4.00 to $5.00 per week. Rooms in private families, without board, can be obtained at reasonable prices. Arrangements have been made by which healthful and palatable food can be obtained in one of the College buildings at a cost not exceeding two dollars per week to each student.

Students are advised in regard to selecting their rooms and boarding places, and all students rooming in College buildings are held responsible for the rent of the rooms selected unless other satisfactory arrangements are made with the Assistant Treasurer.

College bills for the First Term must be paid by October 15th, and for the Second Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Assistant Treasurer in writing their reasons why further time is necessary. Bills for the Third Term must be paid by May 1st. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

Young men desiring information about rooms in the College dormitories should write to Professor J. H. Rand.

Young women desiring similar information should address Dean Frances C. Norris.

EXAMINATIONS

Written examinations are given at the close of each term and at such other times as the instructors may determine.

RANK BILLS

These are sent to the parent or guardian of each student at the close of every term.

DEGREES

The Degree of Bachelor of Arts is conferred on all students who complete satisfactorily the requisite courses.

The Degree of Master of Arts is conferred on graduates of the College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and theses. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates. Further information on the subject may be obtained by writing to the Secretary.

BUILDINGS

HATHORN HALL

Hathorn Hall, a beautiful and substantial building of three stories, contains the College Chapel, eight lecture rooms, the President's and the Assistant Treasurer's offices, a large study and a cloak room for women students, and the rooms of the Eurosophian and Polymnian societies. Through the generosity of successive classes, nearly all the rooms in this building have been finished and furnished with excellent taste. Hathorn Hall takes its name from John and Mary Hathorn, of Woolwich, Me., who in the early history of the institution contributed generously toward its erection.

PARKER HALL

Parker Hall affords lodgings for about one hundred young men. It has just been renovated and modernized. The floors throughout are of hard wood. It is heated by steam and lighted by electricity. The rooms are arranged in suites, each consisting of a study and a bedroom. A commodious and tastefully furnished reception room, ample shower baths and other sanitary arrangements, and convenient and tasteful student apartments, render this hall one of the most homelike and satisfactory college dormitories in New England. In this building, also, are the rooms of the Christian Association and of the Piaerian Society. The baseball cage in the basement affords uninterrupted opportunities for practice in the winter and in stormy weather. Parker Hall bears the name of the late Judge Parker of Farmington, one of the chief contributors for this, the second building erected upon the Campus.

HEDGE LABORATORY

The building of the department of Chemistry is called Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of

Waukon, Iowa, who furnished the means for its erection. It is a two-story building finely located and of attractive modern style.

SCIENCE HALL

Science Hall is the large three-story brick building formerly occupied by the Latin School. It is used by the departments of Physics and Biology and contains the botanical and mineralogical cabinets. It has met urgent needs during a period of rapid growth and marked progress. But, as soon as circumstances will permit, it should be restored to its former chief use—that of a dormitory for young men—and modern buildings for the departments of Physics and Biology should be erected.

ROGER WILLIAMS HALL

Roger Williams Hall is an attractive and commodious three-story building erected by the late Lewis W. Anthony, Esq., of Providence, R. I., for the use of Cobb Divinity School. College students pursuing the combined course have their room rent free under conditions prescribed by the Faculty of the Divinity School.

CORAM LIBRARY

Coram Library, dedicated in 1902 and named for Mr. Joseph A. Coram, of Lowell, Mass., who contributed twenty thousand dollars toward its erection, is one of the most beautiful and best planned buildings of its kind. Its reading, reference, seminar, and stack rooms are models of taste and convenience. The furnishings throughout are of the most approved designs for modern libraries. One of the largest rooms has been reserved for the reception of statuary, bronzes, pictures, and curios that the friends of the College have been waiting to give when a suitable place should be provided.

Valuable gifts, including a cast of the Apollo Belvedere (heroic size), have been received during the last year. Under

the will of the late George W. Harris of Boston, in commemoration of his intimate friendship with the first Benjamin E. Bates, the College will soon come into possession of a choice collection of music, including many rare manuscripts. There is, also, now ample space for new books, and it is hoped that long standing needs in various departments will soon be met. Individuals disposing of private libraries could find no better place in which to perpetuate the usefulness of rare and standard works.

GYMNASIUM

The Gymnasium, a two-story wooden building, with basement, is equipped with the usual appliances for physical development. It has been a very useful building; but it should give place as soon as practicable to a more capacious and substantial structure of modern design.

PRESIDENT'S HOUSE

The President's House, a spacious and attractive two-story building originally erected for the President's residence, has since 1895 served as a dormitory for women students.

NEW DORMITORY

The New Dormitory, completed in 1905 for the women of the College, is a beautiful three-story building one hundred and twenty feet in length by forty-three in breadth. It contains a large well-equipped gymnasium, Fiske reception room for student social gatherings, rooms for the Dean and for the Director of the Women's Gymnasium, and for sixty young women, together with laundries, kitchens, dining-room, and all the appointments of a first-class women's hall. Toward the fifty thousand dollars required for the erection and furnishing of this building some seventeen to eighteen thousand dollars have been contributed by individuals and fifteen

thousand dollars by the State. An additional contribution of fifteen to twenty thousand would remove the necessity of withdrawing this amount from invested funds.

MILLIKEN HOUSE AND WHITTIER HOUSE

The Milliken House and the Whittier House, through the generous consideration of Hon. C. A. Milliken, are now the property of the College. They are heated with steam and lighted with electricity and, together with the President's House and the New Dormitory, afford ample and up-to-date accommodations for the young women of the College.

RESOURCES

The last college year has witnessed large and cheering additions to the resources of the institution. On Dec. 16, 1905, Mr. Andrew Carnegie promised to contribute $50,000 toward the further endowment of the College when from other sources it should have collected $100,000 for the same purpose. On Jan. 24, 1906, Mr. Bartlett Doe, of San Francisco, subscribed $50,000 of the $100,000 required by Mr. Carnegie. Other friends of the college have subscribed $65,000 and of this last named amount $56,000 has been collected and already invested with the exception of $3,513.23 still awaiting investment.

Mr. Doe died on April 18, the fateful day of San Francisco's great calamity by earthquake and fire. The conditions of his subscription have been fully met and his executors will soon pay $50,000 into our College treasury. We shall then be entitled to receive the $50,000 subscribed by Mr. Carnegie.

The total invested funds of the College at the present date amount to $485,000, and it is expected that this amount will be carried to nearly $600,000 by the payment of sub-

scriptions now due. The total resources of the College, including grounds, buildings, library, and apparatus, will then reach a value of $1,000,000.

While this discloses gratifying progress, Bates has an income in proportion to her work decidedly inferior to that of any other New England college. Of the amount of the endowment above stated, $150,000 is required for the support of Cobb Divinity School, and the income of more than $70,000 is applied to the maintenance of scholarships for needy students. The rapidly growing work of the institution calls for a corresponding increase in its endowment.

THE MUCH NEEDED AUDITORIUM ASSURED

The President's Report for 1904–1905 stated: "Bates alone among New England colleges has no secret fraternities. Instead of these she has three of the most flourishing literary societies. The fraternities at other colleges have their chapter houses. The peculiar and highly successful system of societies at Bates requires for the realization of its ideals a building in which these shall have suitable accommodations—including society rooms proper and the necessary cloak and committee rooms. The two Christian Associations are equally deserving. Such a building would be unique in its character and appointments and would do honor at once to the cause of education and to its donor."

Through the generosity of a devoted friend of our College, Mr. Winfield Scott Libbey of Lewiston, this important need is to be met. Mr. Libbey has authorized the announcement of his purpose to erect an Auditorium upon the college lot on the further side of Mountain Avenue where this thoroughfare and College street form a right angle. Mr. Libbey has long been interested in the work of Bates, and he has contributed to our list of alumni three of his children. He has been particularly

impressed with the need of better facilities for our literary and religious organizations, and has been a sympathetic and generous giver to these and other important interests of our College. The foundation for the Auditorium will be laid in the fall of 1907, while the building itself, it is anticipated, will be carried to completion in 1908.

GEORGE COLBY CHASE LECTURE FUND

On Commencement Day, June 28, 1906, one of the Trustees of the College announced the creation of a fund of $5000 by a friend whose name has not been disclosed, for the establishment of the George Colby Chase Lecture Fund for the maintenance of a permanent course of lectures to be known as the George Colby Chase Lecture Course. The purpose of the unknown donor is definitely disclosed in the following citation from a prescribed trust agreement since executed: "Fourth, That the income of said fund shall be used exclusively for the maintenance of Lecture Courses in said College, and that no part of said income shall be used for any other purpose. Fifth, That speakers shall be selected who have done something worthy of special commendation, who have a message and who can deliver it in such a manner as will be helpful to College students."

The far reaching significance and substantial value of this lecture course for Bates students, thus made coeval with the life of the institution, can be better appreciated a century hence than now. This trust faithfully administered will break the isolation too often existing between the college and the world and assure to every Bates man and Bates woman the quickening influences of great leaders in thought and achievement. The income of this fund is available for the year 1906–7. Subjects and speakers will soon be announced.

THE PUBLIC SERVICE OF BATES

To all who can prize her contributions to the intellectual and moral forces that must save our country Bates can unhesitatingly appeal. The number of her graduates at the present time is 1,223.

Down to 1902, of her 965 graduates, 417 had become teachers—more than 43 per cent—and 122 ministers, the latter being distributed among ten religious denominations. Fifty had filled positions in Universities and Colleges, and more than this number had won distinction as State, City, and District Superintendents and as Principals of important Secondary Schools. In Authorship, on the Bench, in Legislation, in Journalism, Law, Medicine, and Engineering, she has had distinguished representatives; while nearly the entire body of her alumni have proved themselves pure, earnest, useful citizens, ready for every good word and work, and making happier and better the communities in which they have lived. The thorough preparation that Bates gives for public speaking is shown by the honors won in the last ten years in thirteen out of fifteen inter-collegiate debates—seven of these with Universities.

REASONS FOR AIDING BATES

1. To a large number of young men and young women she offers their sole reasonable hope for obtaining a liberal education.

2. She is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. She has been successful in securing character as well as scholarship.

4. She has no taint of sectarianism.

5. Her location is the best possible for her usefulness. She gathers from a constituency widening every year young

men and young women of small means but of great promise, some of them traveling hundreds of miles to secure from her the New England culture of heart and mind, that they may use it for the good of our entire country.

6. She took up the cause of higher education for women when it was unpopular.

7. Every dollar given to her work strengthens the forces that are shaping our Christian civilization.

SUMMARY OF NEEDS

1. $500,000 as an immediate addition to the permanent fund, in order to ensure the efficient maintenance of present work, the development of existing departments, the establishment of a chair of Education, and the increase of the salaries of the teachers to a living basis.

2. $100,000 for the erection and equipment of Science Buildings,—$50,000 for a building for the department of Physics, and an equal amount for a building for the department of Natural History and Biology.

3. $15,000 for doubling the capacity of the present Chemical Laboratory.

4. $10,000 for renovating Science Hall, heating it with steam, and thoroughly equipping it as a dormitory. Our dormitory facilities for young men are already used to the utmost limit.

5. $5,000 to pay for the furnishing of Coram Library and to secure additional appliances.

6. $50,000 as a permanent fund for the Library.

7. $100,000 for additional Scholarships for deserving students.

8. $50,000 for the erection of a new Gymnasium for the men students.

9. $100,000 for the erection and maintenance of an Astronomical Observatory and the support of its Director.

10. $50,000 for the erection of a College Chapel.

11. $10,000 for the grading and improvement of the campus.

12. $20,000 to complete the amount required for the erection of the new Dormitory.

The total of the amounts named is nearly $1,000,000. We can do a valuable work while waiting for some of these needs to be met; others of them are urgent; all of them are implied in the plan of our institution; and could they be met at once, the result would justify the outlay. The enlargement of the Chemical Laboratory, the erection and equipment of the two Science Buildings above named, and of a Gymnasium for the young men can be delayed only with serious loss to the College.

HISTORY AND LITERATURE OF SEMITIC PEOPLES

Under "Courses of Instruction" outlined on pages 21 to 55 should have been included the three courses in the History and Literature of Semitic Peoples. These extend through the College year—one each term—and are conducted by Professor Shirley J. Case, A.M., Ph.D., of Cobb Divinity School. They aim to be of value to those who have a general interest in history or literature, and who wish to become acquainted with the beginnings of civilization and culture in the different ancient Semitic centers of life. The Babylonians, Assyrians, Egyptians, Phoenicians, Hebrews, Aramaeans, Arabians and Syrians will receive chief attention. The method of instruction will be by lectures, supplemented by assigned reading when the material is available to the student in English.

FORM OF A BEQUEST

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of ———— dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purpose of the College."

Scholarships

State Scholarships

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and it gives free tuition to the student elected to hold the scholarship.

Redington Scholarship—For a Lady Student

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any college.

Dudley Scholarship

Endowed by the late Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire

Endowed by the late Hon. Person C. Cheney, A.M., of Manchester, New Hampshire.

Woodman Scholarship

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the church.

Symonds Scholarship

Endowed by the Plymouth Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., a deacon of the church.

Clements Scholarship

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship

Endowed by the late Charles Bridge, Esq., of Gardiner.

Lewis Scholarship

Endowed by the late Chace Lewis, Esq., of Providence, Rhode Island.

Class Scholarship

Endowed by the class of 1877.

Bartlett Scholarship

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Nathaniel Bowen Scholarship

Endowed by the late Mrs. Hannah Bowen of Providence, R. I.

Cobb Scholarship

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., class of 1873.

Houghton Scholarship

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., class of 1870.

Randall Scholarship

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship

Endowed by Elias W. Williamson, Esq., of Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson, of Stark.

Quinnam Scholarship

Endowed by Mrs. James Hobbs of Chicago, Ill., in memory of her father, Rev. Constant Quinnam.

Eaton Scholarship

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship

Endowed by the late Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship

Endowed by the late Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, class of 1889.

Dyer Scholarship

Endowed for the benefit of some student preparing for the Christian ministry, by the late Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Page Scholarship

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship

Endowed by the late Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship

Endowed by the late John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship

Endowed by Mrs. Moses W. Shapleigh of Ashland, N. H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship

Endowed by the late James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships

The trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be added to the principal year by year; and that the remaining half only shall be used for the support of said scholarships.

Lovina Haines Haskell Scholarship

Endowed by Edwin B. Haskell of Boston, Mass.

Fiske Scholarship

Endowed by the late Miss Elizabeth S. Fiske of Boston, Mass.

Rowe and Clarry Scholarships

Endowed by a bequest of Mrs. Emily H. C. Rowe in memory of her daughter, Miss Emma F. Clarry, and affording free tuition to four young women, preference to be given to worthy students from Brooks, Me.

Dexter N. Richards Scholarship

Endowed by Mrs. L. M. Richards of Brookline, Mass., in memory of her husband.

Stetson Scholarship

Endowed by the late Amos W. Stetson of Boston, Mass.

John D. Philbrick Scholarship

Endowed by the late Mrs. John D. Philbrick.

William Wells Cate Scholarship

Endowed by Rev. C. E. Cate, D.D., of Providence, R. I., in memory of his brother.

E. S. Jordan Scholarship

Endowed by the late Mrs. Clara Stanton Jordan, in memory of her husband.

Coe Scholarship

A scholarship of $3,000, endowed by Thomas Upham Coe of Bangor, in memory of his brother, Eben Smith Coe. The income is awarded annually to the man in the Senior Class whose scholarship and conduct, during the previous three years of the course, have been the most meritorious. The award is made at the close of the Junior year.

Knowlton Scholarship Fund

Hon. Hiram Knowlton of Portland, Me., has deposited with the treasurer of the College $3,000, the income of which sum is to be used, when under the stipulated conditions it shall become available, for the maintenance of certain scholarships.

Joseph S. Ricker Scholarship Fund

A fund of $10,000 to ensure free tuition to deserving women students—the beneficaries to be selected, whenever practicable, from different counties in Maine.

Foster Lee Randall Scholarship

Endowed by the late Foster Lee Randall of Lewiston.

Stanley Scholarship

Endowed by Ezra B. Stanley of Manchester, Mass.

David and Thankful Jordan Scholarship

Endowed by their children.

Hopkins Scholarship

Endowed by the late Augustus Hopkins, Esq., of Gardiner, Maine, preference to be given worthy students from Gardiner.

Herrick Scholarship

Endowed by Katherine Gardiner Herrick and H. Adeliza Herrick of Lewiston, in memory of their parents, Samuel and Phebe H. Herrick, late of Northport, Me.

Tarbox Scholarship

Endowed by Oren Cheney Tarbox, M.D., Bates '80, in honor of his parents, Rev. Moses H. and Mrs. Adrianna Weymouth Tarbox. Said scholarship to be applied for the aid of any deserving student, irrespective of age, color, sex or sect, preference being given, however, to a student contemplating the Christian ministry.

Osgood Scholarship

Endowed by Col. Charles H. Osgood of Lewiston, and Amy Elizabeth Hunter of Carbondale, Pa., in honor of their father and mother, Henry A. and Elizabeth H. Osgood, for the benefit of some young man or woman from the State of Maine.

Albina Elizabeth Goodspeed Scholarship

Endowed by Jessie L. Goodspeed, Gertrude C. Goodspeed, and Henry S. Goodspeed of the city of New York, in memory of their mother,—the preference in awarding the scholarship to be given to a woman student.

Class Scholarship

Endowed by the class of 1887, descendants of members of the class to have the preference when possible, in the benefits from the scholarship.

Arthur Sewall Whitehouse Scholarship

Endowed by the Class of 1875, in memory of their scholarly and beloved classmate, born August 25, 1853, died February 18, 1874.

Bradstreet Fund

Mr. William W. Bradstreet of Gardiner, Me., has established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund

Students contemplating the Christian ministry receive assistance every year of the course.

Prizes

First—For General Scholarship

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation

In the Second Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a younng woman.

In the First Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Third Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition

In the Third Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate

Second Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Third Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are chosen from the Sophomore Class to compete for this prize.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

Through the generosity of Mr. W. H. H. Bryant of Boston, Mass., a prize of fifty dollars will be awarded annually to the member of the Senior Class who shall prepare the best essay upon "Arbitration instead of War."

For the past year the prizes have been awarded as follows:

For General Scholarship—John S. Pendleton, Marion E. Files, Harold B. Pingree, Maude M. Bradford, John M. Carroll, Jessie H. Nettleton.

For Public Declamation, 1905—Neil E. Stevens, Marion R. Dexter; 1906—Wallace F. Holman, Grace E. Holbrook.

For English Composition, 1906—Harold B. Pingree.

For Original Declamation, 1906—John S. Pendleton, Anna F. Walsh.

For Public Debate, 1906—Elizabeth W. Anthony, Floyd W. Burnell, Thomas J. Cate, Guy C. Haynes, Bertha E. Lewis, George E. Merrill, Fred R. Noble.

For Champion Debate, 1906—Fred R. Noble.

The Bryant Prize, 1906—Awarded to Warren W. James.

In the Intercollegiate Debate with University of Vermont, the winning team consisted of Guy V. Aldrich, '07; John S. Pendleton, '07; Harlow M. Davis, '07.

For special proficiency in the work of any department, a student may receive an honorary appointment as assistant in that work. Such appointments for the present year are as follows: English—John S. Pendleton and Lillian L. Latham; Chemistry—Frank P. Caswell and Edward K. Boak; Latin—Burton H. Whitman.

The Editors of the *Bates Student* for 1907 are Harold B. Pingree, Neil E. Stevens, Percy C. Campbell, Elizabeth W. Anthony, Marion R. Dexter, Harriet C. Rand.

STUDENTS

Senior Class

NAME	RESIDENCE	ROOM
Aldrich, Guy Von	Lewiston	13 P H
Barker, Guy Burnham	Bethel	145 Nichols Street
Bickford, Maud Barbara	Lewiston	243 College Street
Boak, Edward Kendrick	Lewiston	415 Main Street
Bottomley, William Mitchell	Providence, R. I.	80 Russell Street
Bowman, Herbert Emmanuel	Vinalhaven	24 P H
Burns, Louise Hawthorne	Westbrook	15 N D
Caswell, Frank Perley	New Sharon	8 P H
Chase, Caroline Wood	Lewiston	16 Frye Street
Churchill, Alice Walker	Brunswick	M H
Clason, Julia Trott	Gardiner	23 N D
Colson, Ephraim Perry	Rockland	31 P H
Corson, Linwood Ernest	Kingfield	18 P H
Davis, Emily Christina	Rochester, N. H.	M H
Davis, Ethel Johnson	Portsmouth, N. H.	23 N D
Davis, Harlow Morrell	Augusta	17 P H
Donnell, Nellie Maude	Lewiston	79 Elm Street
Farnham, Louis Bending	Orland	30 P H

Files, Marian Edna	Lewiston	161 Wood Street [Auburn
Foster, Eugene Stuart	Burnham	14 P H
Freese, Earl Percy	East Dedham, Mass.	20 P H
French, Maude Belle	Auburn	61 Dennison Street [Auburn
Frost, Harold Ionel	Bowdoinham	H H
Griffin, Bryant Wade	Keuka Park, N. Y.	12 P H
Griffin, Frankie Lawrence	Keuka Park, N. Y.	C H
Griffin, Mona Ruth	Keuka Park, N. Y.	C H
Heminway, Robert Lynn	Lewiston	43 P H
Hillman, Sarah Alice	Hardwick, Mass.	7 N D
Holmes, Jerome Crane	Lincoln	30 P H
Hopkins, Ruby Estella	Providence, R. I.	C H
Hoyt, Guy William	Pittsfield, N. H.	12 P H
Irish, Gertrude Hall	Auburn	237 Turner Street [Auburn
Jackson, Frank Ward	Wiscasset	22 P H
Keist, Mabel Beatrice	Auburn	15 Temple Street [Auburn
Kelley, Fred Grant	Lubec	31 P H
Lamb, Florence Edith	Spencer, Mass.	M H
Latham, Lillian Lawrence	East North Yarmouth	M H
McIntyre, Joseph Henry	Whitefield, N. H.	8 P H
Merrill, Lee Simons	Anson	29 P H
Merrill, Rena Maude	Gardiner	13 N D
Morrill, True Clifford	Gray	17 P H

Morse, Abbie Luella	Auburn	108 Court Street [Auburn
Morse, Ernest James	Lewiston	H H
Palmer, George Washington	Somersworth, N. H.	25 P H
Parker, Cora Belle	Spencer, Mass.	M H
Pattangall, Katherine Jean	Pembroke	15 N D
Pendleton, John Scott	Northport	22 P H
Porter, Mabel Maud	Eustis	21 N D
Prock, Granville Albert	Lincolnville	368 College St.
Quinby, Alice Rose	Cumberland Mills	M H
Ramsdell, Sherman Rodman	West Lubec	31 P H
Rich, Nathan Harold	Charleston	12 P H
Ring, Elizabeth Mabelle	Auburn	14 Barker Street [Auburn
Robinson, Frances Estelle	Lewiston	126 Russell Street
deRochemont, Fannie Geraldine	Newington, N. H.	13 N D
Rochford, Francis Joseph	Newton Lower Falls, Mass.	37 P H
Rogers, Frank Leston	Everett, Mass.	8 P H
Sanderson, Josephine Angeline	East Waterford	M H
Sullivan, Walter Edward	Houlton	363 Main Street
Turner, Charles Oscar	Lewiston	368 College Street
Walsh, Anna Fleming	Lewiston	51 Knox Street
Ware, Amy Estell	Bangor	M H
Wells, Charles Albert	North Bridgton	20 P H
White, Dorrance Stinchfield	Madelia, Minn.	20 P H
Whittum, William Henry	Lewiston	250 College Street
Wight, Lawrence Norman	Gorham, N. H.	30 P H
Willard, Emily Rosamond	South Portland	25 N D

Junior Class

NAME	RESIDENCE	ROOM
Adams, John Howard	Lewiston	25 P H
Annis, Lillian Mae	Somersworth, N. H.	M H
Anthony, Elisabeth Williams	Lewiston	336 College Street
Bangs, Archie Roy	Sabattus	35 P H
Beals, Estella Maude	Boston, Mass.	11 N D
Blackstone, Ervette Elaine	Perham	41 N D
Blanchard, Elsie	Iowa City, Iowa	36 N D
Bliss, Mary Fannie	Freeport	42 N D
Bonney, Carolyne Emma	Auburn	6 Hampshire Street [Auburn
Bool, Phebe Rosa	Cambridge, Mass.	380 Main Street
Bosworth, George Allen	Warren, R. I.	30 S H
Bradbury, Linnie Fabyan	Lewiston	226 College Street
Bradford, Ethel Ardelia	Auburn	121 High Street [Auburn
Bradford, Maude Minerva	South Livermore	88 Lake Street, Auburn
Bridges, Thomas Sheridan	Bucksport	19 P H
Brown, Maurice Vivian	Norway	33 P H
Burke, Mary Cecilia	Auburn	16 Newbury Street [Auburn

Burnell, Floyd Willis	East Hiram	35 P H
Campbell, Percy Cheney	Lawrence, Mass. 133 College Street	
Carver, John Small	Auburn	183 Sixth Street [Auburn
Cate, Thomas Jefferson	Laconia, N. H.	H H
Clifford, Marguerite Abbott	South Paris	N D
Clifford, Wallace Alton	South Paris	36 S H
Cook, Solomon Everett	Oxford	18 R H
Coombs, Robert Leland	Auburn	310 Turner Street [Auburn
Corson, David Herman	Skowhegan	21 P H
Crawshaw, Annie	Lewiston	51 East Avenue
Cummings, Ruth Joy	Lancaster, N. H.	43 N D
Dexter, Marion Russ	Beverly, Mass. 270 College Street	
Dinsmore, Alice Jane	Lewiston Cor. So. Ave and Pleasant St.	
Doe, George Arthur	South Effingham, N. H.	31 S H
Dolloff, Cyrus Wilfred	Gardiner	9 P H
Donovan, Joseph Aloysius	Houlton	384 Main Street
Doughty, Florence Ada	South Portland	25 N D
Ellsworth, Edward William	Northboro, Mass.	30 S H
Faulkner, James Francis	Gardiner	9 P H
Ferguson, Marion Gladys	Somersworth, N. H.	M H
Foster, Eugene	Dry Mills, Gray	12 P H
Foster, Mabel Winifred	Cumberland Mills	27 N D

Fraser, Le Roy Boynton	Farmington, N. H.	19 P H
French, George Washington	Kezar Falls	23 P H
Goodwin, Harold Merle	Lincoln	45 P H
Goodwin, Ralph Augustus	Lincoln	33 P H
Grant, Mabel Pearl	Fort Fairfield	33 N D
Grant, Sadie Little	Calais	41 N D
Harkins, John Michael	West Barrington, R.I.	21 P H
Harris, Arthur Louis	Waldoboro	45 P H
Haynes, Guy Coldwell	Parsonsfield	10 P H
Hincks, Sue Lynnette	South Orrington	4 N D
Hodgdon, Daniel Russell, Jr.	Lewiston	113 Lowell Street
Hull, Ira Butler	Lewiston	96 Nichols Street
Hutchinson, Ethel Louise	Canton	44 N D
Johnson, Elmer Eugene	Machais	47 P H
Jones, Lina Gertrude	Brunswick	34 N D
Jordan, James Leland	Sabattus	Sabattus
Knight, Marion Frances	Rockland	M H
Knox, Helen Josephine	Manchester, N. H.	34 N D
Lane, Walter	Anson	1 P H
Larrabee, William Mumford	Keuka Park, N. Y.	87 Wood Street
Lewis, Bertha Erma	Gardiner	44 N D
Libby, Grace Lillian	Lewiston	411 Main Street
Libby, Walter Emery	Lincoln	33 P H
Little, Katherine Gilman	Merrimac, Mass.	M H
Maxwell, Angie Winnefred	Sabattus	

McCool, Herbert Gilmore	Northboro, Mass. 226 College Street	
McCullough, Joseph Leo	Saugus, Mass.	19 P H
McLain, Frances May	Rockland	36 N D
Melcher, Evelyn Geneva	Rumford Falls	33 N D
Merrill, George Elwin	Anson	29 P H
Merrill, Lena Sarah	Auburn 478 Court Street [Auburn	
Mitchell, Beulah	Lubec	21 N D
Murphy, Julia Louise	Auburn 33 Newbury Street [Auburn	
Osborne, Walter Scott	Mt. Blue, Mass.	27 P H
Packard, Ellen Hersey	West Auburn	32 N D
Page, Stella E.	Auburn	
Peasley, Arthur Newell	Lewiston 106 Bartlett Street	
Pingree, Harold Bearce	Auburn 28 Elm Street	
Pratt, Charles Harvey	Keen's Mills	11 P H
Pushor, Wynona Captola	Pittsfield	M H
Rand, Harriet Clark	Lewiston 28 Frye Street	
Reed, Ralph Gerry	South Bridgton	18 P H
Royal, Perley Wilson	Manchester, N. H. 27 Vale Street	
Sands, Eleanor Pepper	Lewiston 121 Nichols Street	
Sawyer, Herbert Leslie	Madison	1 P H
Schermerhorn, Mabel Linda	Kennedy, N. Y.	W H
Schermerhorn, Myrtle Jane	Kennedy, N. Y.	W H
Schumacher, George Wendell	Ansonia, Conn.	23 P H

Shorey, Izora Devereaux	Bridgton	2 N D
Smith, Winslow Garfield	Northfield	10 P H
Sprague, Ruth Ardelle	Acton, Mass.	N D
Stevens, Neil Everett	Auburn	22 Lake Street [Auburn
Stevens, Roy Foster	Lisbon	Lisbon
Thomas, Stella Luetta	Lewiston	137 Nichols Street
Toft, Amelia	White Rock	C H
Tuttle, Guy	Bellows Falls, Vt.	23 P H
Wentworth, Eva Celia	Dover, N. H.	M H
Wheaton, Clarence Lincoln	St. John West, N. B.	2 R W H
Whitman, Burton Herbert	East Auburn	East Auburn 34 P H
Wilder, Ralph Ayling	North Hanover	27 P H
Williams, Guy Floyd	North Anson	29 P H
Williams, Leon Nathaniel	Bowdoinham	18 P H
Wood, Herbert Wilbur	Lewiston	163 Pine Street

Sophomore Class

NAME	RESIDENCE	ROOM
Adams, Alvernon Melvin	Millinocket	38 P H
Adams, Helen Wilson	Bowdoinham	M H
Anderson, Dagna Amanda	Berlin Mills, N. H.	195 Holland Street
Bailey, Arthur Cyrus	Lisbon Falls	34 P H
Bartlett, Amy Etta	Auburn	19 Hampshire Street [Auburn
Bateman, Eloise Sprague	Lewiston	91 Elm Street
Bolster, George F.	Gibson, N. B.	R W H
Booker, Percy Hilton Harris	Pittston	51 P H
Boothby, Willard Sands	Lewiston	256 College Street
Brown, Corinne Mildred	Malden, Mass.	N D
Brush, Alta Belle	Lewiston	14 Mountain Ave
Carroll, John Murray	Razorville	34 Webster Street
Chapman, Winnifred Amelia	Lewiston	12 Prescott Street
Clason, Bertha Sarah	Gardiner	N D
Cleveland, Alton Hiram	Skowhegan	171 Lisbon St.
Cobb, Stephen Aratas, Jr.	Gardiner	39 P H
Cochran, Isaac George	Rochester, N. H.	16 P H
Coolidge, Dora Gordon	Bristol, N. H.	M H
Cooper, Georgia Mabel	Auburn	165 Main Street [Auburn

Crockett, Adelina Estelle	Freeport	N D
Crommett, William Gladstone	Chelsea, Mass.	26 P H
Culhane, Phyllis Caroline	Gorham, N. H.	N D
Curtis, Alice Nina	Bingham	66 Howe Street
Davis, Edith May	Lewiston	40 Jefferson Street
Dixon, Thomas Libby	Lewiston	380 Main Street
Dunn, Florence Marie	Lewiston Junction	C H
Eekhoff, Scott Sidney	Chelsea, Mass.	26 P H
Farrar, Lucy Elizabeth	Lewiston	63 East Avenue
Fogg, Agnes	Gray	C H
Foss, Alice Adams	Rye Centre, N. H.	501 Main Street
Frost, Norman	Berea, Ky.	40 S H
Gerry, Henry Lester	Lewiston	32 Frye Street
Grant, Agnes Donald	Vinalhaven	C H
Greenleaf, Georgia Mabel	Auburn	79 High Street [Auburn
Haines, Grace Ethel	Auburn	259 Court Street [Auburn
Hale, Herbert Francis	New Sharon	8 P H
Hamilton, Frederick Leroy	Presque Isle	39 P H
Hardie, Mary	Bowdoinham	M H
Harris, Charles Lester	Detroit	18 P H
Hayden, Archibald Lambert	Milo	1 P H
Hayward, Ralph Simpson	Auburn	24 High Street [Auburn
Hodges, Georgia Etta	Sangerville	44 Cottage Street

Holbrook, Grace Everlina	Manchester, N. H.	N D
Holman, Wallace Floyd	North Jay	30 Ware Street
Holt, Horace Irving	Lewiston	129½ Wood Street
Howard, Alice Elva	Brockton, Mass.	N D
Humiston, Alice Mildred	East Jaffrey, N. H.	C H
Hunt, Florence Mabel	Augusta	N D
Hutchinson, Adria Anna	Berlin, N. H.	N D
Irish, Arthur	Turner	34 P H
Jack, George Edwin	Bowdoinham	48 P H
Jewell, John Poland	South Portland	26 P H
Jones, Fred Reuel	Mercer	11 P H
Jordan, Dana Stanford	East Raymond	24 Frye St
Jordan, Fannie Pearl	Auburn	131 Center Street [Auburn
Jordan, Mildred Jasmine	Auburn	209 Cook Street [Auburn
Keene, Angie Estella	Lewiston	Sylvan Avenue
Kenney, Charles Edmund	Foxcroft	2 R W H
Keough, Eleanor Elizabeth	South Wheelock, Vt.	M H
Lancaster, Fred Henry	Pittsfield	32 P H
Lane, Alzie Edrie	Gardiner	N D
Larrabee, Ernest Everett	Auburn	R.F.D. 1, Auburn
Lasselle, Olive Mary	Leominster, Mass.	N D
Libby, Warren Edgar	Woonsocket, R. I.	44 P H
Linscott, Arthur Fay	Troy	14 P H
Longfellow, Marion Baker	Machais	42 N D

Lord, Charles Emerson	Lisbon Falls 34 P H
Lovejoy, Fred Collins	North Chesterville 145 Nichols Street
McIntyre, Lilla Estelle	Bluehill N D
Martin, William Harris	North Weare, N. H. 15 P H
Meader, Alethea Caroline	Lewiston 403 Main Street
Merrill, Helen Maybel	Auburn 143 Pleasant Street [Auburn
Merrill, Gardner Fessenden	Sandy Creek 32 P H
Miller, Harry Claire	Winthrop 158 College Street
Morrell, John Perley	Litchfield Corners 44 P H
Morse, Arthur Everett	Chesterville 36 S H
Nelson, Chesley Wilbur	West Southport 74 Nichols Street
Nettleton, Jessie Hague	Manchester, N. H. N D
Noble, Fred Robert	Lewiston 40 P H
Oakes, Raymond Silvester	Auburn 15 P H
Page, Rodney Gerald	Bucksport 30 P H
Park, Clinton DeWitt	Presque Isle 25 P H
Peckham, Frederic Metcalf	Lewiston 14 Pleasant Street
Peterson, Harrison Morton	Columbia Falls 36 P H
Phillips, Nathaniel 2d	Marshfield Hills, Mass. 27 P H
Pomeroy, Carl Thatcher	Lewiston 164 Holland Street
Porter, Amorette	Pittsfield M H
Purinton, Carl Russell	Bath 14 P H
Ranger, Carl Herman	Dryden 94 College Street
Roseland, Charles Everett	Unity 51 P H
Sawyer, John Bryant	Sprague's Mills 51 P H

Segal, Myer	St. John, N. B. 7 Pulsifer Street, Auburn	
Sharp, Clara Agnes	Lewiston 83 Lowell Street	
Small, Louise May	Northwood Narrows, N. H.	M H
Smith, George Hawthorne	North Berwick	24 P H
Smith, Nellie Barrows	Auburn 49 Drummond Street [Auburn	
Story, Herbert Lewis	Merrimac, Mass. 74 Nichols Street	
Sweetland, William Virgil	Pittsfield	6 R W H
Swift, Edith Winnifred	Auburn 77 Spring Street [Auburn	
Taylor, Charles Edmund	Lisbon Falls	11 P H
Tetreault, Edith Marie	Augusta	N D
Wadleigh, Joseph Bertram	South Kingston, N. H.	26 P H
Wadsworth, John Thaddeus	Gardiner	36 P H
Walker, Iola Agnes	Lewiston 107 Nichols Street	
Waller, Nellie Blanche	Westford, Mass.	M H
Weare, Laura Maude	Auburn 52 Hampshire Street [Auburn	
Whittier, Arnold Lewis	Lisbon Falls	34 P H
Wiggin, Joseph Alfred	Portsmouth, N. H.	16 P H
Woodward, Louis Burton	Dresden Mills	51 P H

Special Course

Dionne, Fred Joseph	Presque Isle	57 P H
Jackman, Ernest Delmore	Mount Vernon 145 Nichols Street	
Leach, Walter Brooks	Rockland, Mass.	27 P H
Stinson, Mark Emery	Wiscasset	4 S H

Freshman Class

NAME	RESIDENCE	ROOM
Andrews, Waldo Vanderbelt	Jefferson	22 P H
Appleby Maude Louise	Lisbon Falls	31 N D
Archibald, Grace	Houlton	M H
Barker, Nellie Annette	Auburn	177 Cook Street [Auburn
Barr, Ralph Raymond	Dover, Del.	31 R W H
Bassett, Roscoe Conkling	Alton, N. H.	122 Oak Street
Bates, Charles Evarts	East Wareham, Mass.	380 Main Street
Bean, Orel Merton	Pittsfield	133 College Street
Blake, Fred Raymond	Auburn	31 S H
Blossom, Deborah Belle	Turner Center	W H
Bolster, Morton Virgin	South Paris	226 College St
Bowman, Winfred Wolfe	Hatfield, Mass.	220 College Street
Briggs Damie Jet	Corinna	M H
Brown, Melissa	Richmond	M H
Bryant, Alice Monroe	Auburn	26 Washington St [Auburn
Buker, William Hall	Monmouth	50 P H
Burnham, Alice Alden	Empire	Empire

Card, Harry Merrill	West Bowdoin	P H
Chapman, Ray Andrews	Milo	40 P H
Cole, Arthur Russell Clason	Gardiner	17 Frye Street
Cole, Roy Emerson	South Paris	237 Oak Street
Comings, Bertha E.	Derby, Vt.	N D
Crockett, Alice Robinson	Durham	C H
Crockett, Elsie Beulah	Durham	C H
Crockett, Ethel Catherine	South Paris	N D
Cummings, Ralph Burtram	Auburn	51 P H
Davis, Hartwell Clarence	Lubec	31 P H
Deane, Harold Macduivey	Middlebury, Vt.	107 Nichols Street
Dick, Anna Augusta	Auburn	12 Newbury Street [Auburn
Dunton, Ethel Amanda	Lewiston	148 Webster Street
Eaton, Mabel	Auburn	22 Drummond Street [Auburn
Edwards, Jane Curtis	Brunswick	M H
Edwards, Jennie Hazel	Madison	M H
Ellis Jesse Cleveland	Weld	54 P H
Elwood, Harry Edward	Clinton, Mass.	28 P H
Farnham, Olive Lillian	Cushing	M H
Farnsworth, Everett Leslie	South Framingham, Mass.	87 Wood Street
Fellows, Leon Wallace	Farmington	122 Oak Street
Ford, Perley Harvey	Kennebunkport	94 Nichols Street

Foster, Benjamin Harrison	Lisbon Falls	34 P H
Greenleaf, Gladys Maud	Lisbon Falls	N D
Hall, Alice Parsons	Turner Center	W H
Hall, Myrta Alice	Lisbon Falls	Lisbon Falls
Hamilton, Georgia Townly	Chebague Island	N D
Hamilton, Marion Lovina	Falmouth	N D
Harlow, Grace	Gorham	N D
Harmon, Martha Isadore	Auburn	83 High Street [Auburn
Harmon, Reginald Frank	Abbot Village	113 Lowell Street
Harriman, Ray Wilkin	Gardiner	54 P H
Henry, Iva May	Readfield	C H
Holman, Carl	Jay	147 Nichols Street
Howard, Stanley Edwin	Springfield, Mass.	220 College Street
Jack, Nellie May Deering	Portland	1 Davis Street
Johnson, Iris	Dorchester, Mass.	W H
Jones, Mildred Iris	Springfield, Mass.	M H
Jordan, Everett Linwood	South Portland	21 P H
Kemp, Ida Boynton	Kingston, N. H.	N D
Kennedy, Augustus	Lisbon Falls	415 Main Street
Kidder, Frances Patten	Richmond	C H
Lawton, Peter Ignatius	Auburn	39 Cook Street [Auburn
Leland, Christine	Minot	W H
Little, Sarah Eliza	Merrimac, Mass.	M H

Longfellow, Anna Bartlett	Monmouth	M H
Loring, Fred Milton	Auburn	253 Turner Street [Auburn
Lovejoy, Maude E.	North Chesterville	N D
Lucus, Warren Stanhope	Foxcroft	145 Nichols Street
Luce, Leon Alex	Dryden	94 College Street
Magoon, Charles Alden	St. Albans	3 Warren Avenue
Martin, Fred Henry	York Village	94 Nichols St
Mason, May Lander	South Bristol	W H
Merrill, Nettie May	Patten	N D
Merrill, Susie Lena	Limerick	M H
Morse, Alvin Stricklin	Kingfield	38 S H
Moschner, Annie Rose	Lisbon Falls	W H
Moulton, John Henry	Limington	68 Wood Street
Niles, Lena Mabel	Dryden	N D
Nutting, Nellie Sophronia	Shrewsbury, Mass.	M H
Parsons, Katherine May	Lewiston	518 Main Street
Parsons, Ruby Marion	Auburn	495 Court Street [Auburn
Peasley, Charles Harold	Lewiston	106 Bartlett Street
Perry, Florence Helen	Wrentham, Mass.	W H
Pert, Minnie Warren	Richmond	C H
Pinkham, Florence Ada	Lewiston	151 Nichols Street
Porter, Juanita Douglass	Lewiston	484 Main Street
Powers, John Hendrick	Lancaster, N. H.	220 College Street

Quimby, Clarence Paul	North Turner	26 Mountain Avenue
Ramsdell, Guy Harry	West Lubec	31 P H
Roberts, Florence May	Anson	M H
Rollins, Lyman	Concord, N. H.	R W H
Schermerhorn, Eva Mildred	Kennedy, N. Y.	W H
Sharp, William Edmund	Lewiston	83 Lowell Street
Small, Stephen Tyler	Vinalhaven	415 Main Street
Smith, Frank Albert	Gardiner	54 P H
Stevens, Carl Mantle	Auburn	22 Lake Street [Auburn
Tasker, Arthur Henry	Clinton, Mass.	28 P H
Taylor, Alta Carmen	Wells	M H
Thurston, Paul Cleveland	Bethel	34 P H
Verrill, Clara Elizabeth	Cumberland Mills	N D
Vinal, Mildred Holman	Vinalhaven	N D
Vinal, Nelly Parker	Vinalhaven	N D
Webb, Fred Lincoln	South Gray	47 P H
White, John Leonard	Hingham Center, Mass.	S H
Whitehouse, Helen Margaret	Auburn	32 Second Avenue [Auburn
Williams, John Lincoln	Worcester, Mass.	10 Frye Street
Wolles, William	Lewiston	77 Horton Street
Wood, Walter Hascell	Adrian, Michigan	163 Pine Street
Woodbury, Eugene Sawyer	Lewiston	327 Main Street

Special Course

Babbitt, George Hutchinson	Albany, N. Y.	17 P H
Boston, Lawrence Baker	Biddeford	133 College Street
Brown, Joseph Vincent	Auburn	43 Dennison Street [Auburn
Carter, Harry	Lawrence, Mass.	
Davis, Blynn Edwin	Bridgton	122 Oak Street
Dorman, Horatio Nelson	Franklin, N. H.	87 Wood Street
Jackson, Carl Ziegler	Clinton, Mass.	28 P H
Lucus, Fay Ellwood	St. Albans	32 P H
Manning, Robert Lynne	North Waterford	142 College Street
Merrill, Charles Elmer	South Paris	226 College Street
Quinn, Ellton Leroy	Pittsfield	3 Warren Avenue
Richer, Everett George	Litchfield	48 P H

Summary

Senior Class	67
Junior Class	102
Sophomore Class	113
Freshman Class	119
Total,	401

H H	Hathorn Hall	C H	Cheney House
P H	Parker Hall	M H	Milliken House
R W H	Roger Williams Hall		
S H	Science Hall	N D	New Dormitory

Graduates of 1906

Allan, Harold Aubrey
Austin, Winfield Scott
Bartlett, Ralph Atherton
Blackwood, Myrtle May
Blake, Frank Harold
Blount, Henry Gardner
Bonney, Luther Isaac
Bragdon, Blanche Arline
Briery, Augusta Parks
Brooks, Charles Elwood
Butler, Edna Beatrice
Channell, Helen Viette
Conner, Edwin Solon
Cummings, Harold Neff
Davis, Clara May
Davis, Irving Gilman
Day, Laura Brackett
Doyle, Fred Smith
Dunlap James Albion
Dwinal, Zelma Merwyn
Farrar, Leo Woodbury
Fisher, Walter Leslie
Fogg, Ina Alexander
Foster, Ethel May
French, Arthur Ford
Libbey, Alla Amantha
Mahoney, Daniel Joseph
Mann, George Eugene
Mason, Forest Lionell
Merrill, John Clifford
Nutter, Lena Belle
Osgood, Lillian May
Paine, Leon Gilman
Park, Ethel May
Pease, Jessie Maude
Perry, James Garfield
Pettengill, Daniel Lester
Phillips, Charles Lewis
Pratt, Grace Whitman
Pulsifer, Florence Pearle
Purinton, Angie Emily
Rand, Alice Pray
Rand, Everett Leroy
Redden, William Rufus
Rich, Florence Estelle
Richards, Annie Gilmore
Robinson, Edna Jeanette
Robinson, John Evans
Salley, Ashmun Clark
Shaw, Mabel Vivian

Garland, Ernest Charles
Gauthier, Eugene Robert
Giles, Mervin Shepard
Gregg, Merritt Lodge
Hamblen, Florence Ella
Harradon, Harry Durward
Jackson, Leander
James, Warren William
Johnson, Albert Garfield
Jordan, Wayne Clark
Kabatchnick, Goldie Irene
Kierstead, William Obed
Kendall, Ralph Leander
King, Ethel Florence
Knight, Edith May
Lanphear, Anna Story
Lewis, Albion Bayard
Sheehan, Bessie May
Spear, Gladys Burgess
Spooner, Elizabeth Chandler
Stevens, Harold Wentworth
Steward, Charles Palmer
Thissell, Amy Dodge
Thurston, Frank Hale
Thurston, Fred Lovejoy
Verrill, Elmer Russell
Watkins, Louisa Alcott
Weston, Annie Ray
Wiggin, Howard Alpheus
Wormell, Lula May Newton
Wyman, Alice Etta
Yeaton, Winifred Ellen
Young, Elvena
Young, Myrtle

Faculty of Cobb Divinity School

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REV. ALFRED WILLIAMS ANTHONY, A.M., D.D., SEC.
Fullonton Professor of New Testament Exegesis and Criticism

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Professor of Philosophy and History of Religion

REV. ASHMUN T. SALLEY, A.M., D.D.
Instructor in Church History

GROSVENOR M. ROBINSON
Instructor in Elocution

*Deceased.

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of
Bates College

Bates College

1907-1908

Lewiston, Maine, December 1, 1907

BATES COLLEGE

LEWISTON MAINE

1907-1908

Lewiston, Maine
Journal Printing Company
1907

CALENDAR-1908

JANUARY.

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Calendar

1907

Sept. 11	Fall Term began	Wednesday
Oct. 15	Tuition due	
Nov. 28	Thanksgiving Day	Thursday
Dec. 3	Examinations begin	Tuesday
Dec. 6	Fall Term closes	Friday

1908

Jan. 7	Spring Term begins	Tuesday
Jan. 30	Day of Prayer for Colleges	Thursday
Feb. 22	Washington's Birthday	Saturday
March 1	Tuition due	
Feb. 25—March 9	Freshman Preliminary Declamations	2 P.M.
	Prize Division	2 P.M.
March 10—20	Sophomore Debates	2 P.M.
March 24	Examinations begin	Tuesday
March 27	Spring Term closes	Friday
April 7	Summer Term begins	Tuesday
April 16	Senior Exhibition	Thursday, 7.45 P.M.
May 1	Tuition due	
May 30	Memorial Day	Saturday
June 17-20	Examination of the College Classes,	Wednesday—Saturday
June 21	Baccalaureate Exercises	Sunday, 10.30 A.M.
June 21	Address before the College Christian Associations,	Sunday, 7.45 P.M.
June 22	Examinations for Admission to College	begin Monday, 2 P.M.
June 22	Sophomore Prize Debate	Monday, 2.30 P.M.
June 22	Junior Exhibition	Monday, 7.45 P.M.
June 23	Class Day Exercises	Tuesday, 2.30 P.M.
June 23	Concert	Tuesday,7.45 P.M.
June 24	Annual Meeting of the Corporation,	Wednesday, 9 A.M.
June 24	Annual Meeting of the Alumni,	Weddesday, 4 P.M.
June 24	Reception to Graduates by Members of the Faculty,	Wednesday, 8 P.M.
June 25	Commencement,	Thursday, 10 A.M.
June 25	President's Reception to the Graduating Class,	Thursday, 8 P.M.
Sept. 7	Examinations for Admission to College begin	Monday, 2 P.M.
Sept. 9	Fall Term begins	Wednesday
Oct. 16	Tuition due	
Oct. 19	Sophomore Preliminary Declamations	2 P.M.
Oct. 26	Prize Division	2 P.M.
Dec. 4	Fall Term closes	Friday

General Information

FOUNDATION

Bates College grew out of the Maine State Seminary, chartered in 1855. In 1862 sixteen young men in this school petitioned the Trustees to provide facilities for collegiate instruction. In the fall of 1863 the first Freshman class was admitted, and in the winter of 1864 a new charter was secured, and Maine State Seminary became Bates College. The name Bates College was given by the Trustees in grateful acknowledgment of the generosity of Mr. Benjamin E. Bates of Boston, Mass., one of the founders of the city of Lewiston. Mr. Bates had taken a warm interest in the Seminary, and it was his encouragement, with a subscription in 1863 of $25,000, which led to its development into the college. To this sum he subsequently added $75,000. Mr. Bates died in 1877. Other friends have generously aided the institution, but none of their benefactions have equaled in amount the gifts of Mr. Bates.

Lewiston, in which the College is situated, is the second city in population in Maine, having about twenty-five thousand inhabitants. It is on the east bank of the Androscoggin, thirty-five miles northeast of Portland. It is connected by four bridges with Auburn, a city with twelve thousand inhabitants, on the opposite bank of the river. The two cities are among the most enterprising and progressive in the East. Many of their public buildings are exceptionally beautiful and substantial. Their excellent public schools are constantly bringing to the two cities from all parts of Maine, and even from adjoining states, parents eager to secure a good education for their children. The Lewiston High School and the Edward Little High School, of Auburn, rank among the best preparatory schools in New England. The pulpits of Lewiston and Auburn are occupied by able and scholarly men, and residents of few towns have better facilities for hearing the representative lecturers and orators of our country. The two cities are remarkably healthful, are situated amid some of the most beautiful scenery of the Androscoggin valley, and combine in a rare degree the educational influences afforded by the presence of business energy, of scholarly leisure, and of attractive environments. They are a little more than four hours distant from Boston, and are

accessible from all directions by means of four railways,—the Grand Trunk, Portland and Rumford Falls, and two lines of the Maine Central. The college grounds consist of fifty acres in the suburbs of Lewiston. They have great natural beauty and command fine views of the surrounding country. From the summit of Mount David, given by Mrs. Archibald Wakefield and the late Mrs. John M. Frye, as the site for an astronomical observatory, the White Mountains, more than fifty miles away, are distinctly visible.

CHARACTER OF THE COLLEGE

The college is unsectarian in all its aims and methods, but it is unequivocally Christian. Breadth and thoroughness are sought, not only in literary and scientific attainments, but in moral and spiritual culture. What are called the vices of student life are practically unknown at Bates. No student can be a member of the College without taking and keeping a pledge to abstain from alcoholic drinks. Hazing has never been tolerated. A large percentage of the students are actively religious, and among them are represented nearly all the religious denominations of New England. It has been the constant aim of the College to encourage and aid students of limited means and to exclude such habits and customs as lead to extravagant and unnecessary expenditures. Planted in a thrifty and frugal community, Bates is for a wide area the natural college home for students of limited means. The community, with its numerous industries, offers unusual opportunities for work; and college spirit and tradition make labor honorable. The Faculty of Bates find one of their highest pleasures in helping young men and young women to solve the problem of ways and means. Alone of New England colleges, Bates still encourages needy students to teach during a part of each year; and she does not find such teaching, under proper restrictions, harmful either to scholarship or character. Every year Bates students are engaged in more than sixty different kinds of employment. Eighty-six permanent scholarships of $1,000 each pay the annual tuition of as many deserving young men and young women. Students of ample, of moderate, and of limited means live and work together in absolute social equality. From its organization in 1863, the College has received young women on the same terms with young men, thus beginning on the Atlantic sea-board the movement for the higher education of women.

Corporation

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Terms of Admission

All candidates for admission to the College must offer satisfactory testimonials of good moral character; and those who have been members of other colleges must present certificates of regular dismission.

The requirements in particular subjects are as follows:

LATIN

I. Elementary Latin.

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week for at least three years.

The reading in preparation for Elementary Latin should include any four books of Caesar's Gallic War, preferably the first four; Cicero's four Orations against Catiline, the Oration for Archias, and The Manilian Law.

Careful attention should be given from the beginning to the correct pronunciation of Latin words according to the Roman Method; to the inflections; to the syntax of cases; to the structure of sentences, with particular regard to relative and conditional sentences, indirect discourse, and the subjunctive; and to Latin prose composition. The examination will include the following:

1. The translation at sight of passages of Latin prose.
2. A thorough examination on Cicero's Orations against Catiline, II, III, IV, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

II. Advanced Latin.

In addition to the preparation mentioned above for Elementary Latin, the candidate should read at least the

first six books of Vergil's Æneid. He should acquire a knowledge of as much Prosody as relates to accent, versification in general, and the dactylic hexameter. The examination will include the following:

1. The translation at sight of passages of Latin prose and verse.

2. A thorough examination on Vergil's Aeneid, I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, idioms, and prosody.

3. The translation into Latin of detached sentences and easy narratives based upon Caesar and Cicero.

GREEK

I. Elementary Greek.

Candidates presenting this subject should be able to translate at sight simple Attic prose, and should possess a thorough mastery of ordinary Greek inflections, principles of syntax, and idioms, involving the ability to write simple Attic prose. To attain the required proficiency, a student should have studied Greek two years, in a systematic course of five exercises a week, including the reading of four books of Xenophon's Anabasis or an equivalent, thorough study of grammar, and considerable practice in writing Greek sentences involving ordinary idioms and constructions.

II. Advanced Greek.

Candidates presenting this subject should be able to translate at sight passages from Homer, as well as from Attic prose, and should be well grounded in the epic dialect, the prosody of Homer and the general features of Homeric life. They should also be able to translate into Attic prose simple English passages of connected narrative. These requirements involve, in addition to the course in Elementary Greek, a third year of study, with exercises

five times a week, and necessitate the reading of additional Attic prose and of at least the first three books of the Iliad or an equivalent, and practice in the writing of connected passages of Attic prose.

Students admitted without Greek may begin the study of Greek in the Freshman year and go on to the regular courses in that language.

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) power to read with intelligence and appreciation. The attainment of these objects requires a course of study covering at least three years, with five recitation periods each week.

To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions, are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses; a thorough training in the construction of the sentence; and familiarity with the simpler principles of paragraph division and structure.

To secure the second end, the reading of a certain number of books is prescribed. The list is intended to give the candidate the opportunity of reading, under intelligent direction, a number of important pieces of literature. The prescribed books are divided into two groups as follows:

A

Reading and Practice—The candidate will be required to present evidence of a general knowledge of the

subject-matter of the books mentioned and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics to be chosen by the candidate from a considerable number set before him in the examination paper. The treatment of these subjects is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions on other written work done in connection with the reading of these books. The books for this part of the examination will be:

For 1908, Irving's Life of Goldsmith; Shakespeare's Macbeth and Merchant of Venice; The Sir Roger de Coverley Papers in the Spectator; Coleridge's The Ancient Mariner; Scott's Ivanhoe and The Lady of the Lake; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

For 1909, 1910, 1911.

Group I. (two to be selected). Shakespeare's As You Like It, Henry V, Julius Caesar, The Merchant of Venice, Twelfth Night.

Group II. (one to be selected). Bacon's Essays; Bunyan's The Pilgrim's Progress, Part I; The Sir Roger de Coverley Papers in the Spectator; Franklin's Autobiography.

Group III. (one to be selected). Chaucer's Prologue; Spenser's Faerie Queene (selections); Pope's The Rape of the Lock; Goldsmith's The Deserted Village; Palgrave's Golden Treasury (First Series) Books II. and III., with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV. (two to be selected). Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe; Scott's Quentin Durward; Hawthorne's The House of the Seven Gables; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; Dickens' A Tale of Two Cities; George Eliot's Silas Marner; Blackmore's Lorna Doone.

Group V. (two to be selected). Irving's Sketch Book; Lamb's Essays of Elia; De Quincey's Joan of Arc and The English Mail Coach; Carlyle's Heroes and Hero Worship; Emerson's Essays (Selected); Ruskin's Sesame and Lilies.

Group VI. (two to be selected). Coleridge's The Ancient Mariner; Scott's The Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series) Book IV., with especial attention to Wordsworth, Keats and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's The Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's The Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought The Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Hervé Riel, Pheidippides.

B

Study and Practice.—This part of the examination presupposes a careful study of the works named below. The examination will be upon subject-matter, form and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books for this part of the examination will be:

For 1908, Shakespeare's Julius Caesar; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essay on Addison and Essay on Johnson.

For 1909, 1910, 1911, Shakespeare's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

MATHEMATICS

Elementary Mathematics.

(1) Algebra. Through equations of the second degree.

Although candidates are not examined in Arithmetic, a thorough knowledge of its fundamental principles is an essential part of a preparatory course. This subject should not be neglected by candidates.

The required work in Algebra should cover one and a half years of five recitations per week, and includes the following subjects: Factors, fractions, ratio and proportion; negative quantities and interpretation of negative results; a thorough knowledge of radicals and the solution of equations involving radicals, fractional and negative exponents; the binomial theorem for positive integral exponents; extraction of roots; the solution of equations with one or more unknowns, whether of the first or second degree, and with literal as well as numerical coefficients, and of problems leading to such equations; arithmetical and geometrical progression.

It is recommended that the student familiarize himself with the solution of simultaneous equations of two or three unknowns, that he be able to solve quadratics at sight either by factorization or by formula, and that he learn to

draw the graphs of linear and quadratic equations of two unknowns.

(2) Plane Geometry. The required work in plane geometry should extend throughout one year of five recitations per week.

The theorems and constructions of good text-books, including the properties of plane rectilinear figures; the circle, and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle. A large part of the time should be given to original demonstrations of exercises, and this should be insisted upon as a part of the required work in the course.

Advanced Mathematics.

(1) Algebra, including choice, chance, theory of limits, the binomial thereom for negative and fractional exponents, logarithms, series, determinants, graphs, derivatives, and the theory of equations.

(2) Solid Geometry, as represented by the ordinary college text-books. Candidates should be able to solve readily problems of solid mensuration and to demonstrate original theorems that may be deduced easily from the text.

(3) Plane Trigomometry, as represented by the usual text-books. Candidates must be familiar with the theory and use of six-place logarithmic tables.

FRENCH

Elementary French.

The work to be done during the first year should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plurals of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and

the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the form and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year, the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, of pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and the subjunctive.

Suitable texts for the second year are: About's "Le roi des montagnes," Bruno's "Le tour de la France," Daudet's easier short tales, LaBédollière's "La Mère Michel et son chat," Erckmann-Chatrian's stories, Foa's "Contes biographiques" and "Le petit Robinson de Paris," Foncin's "Le pays de France," Labiche and Martin's "La poudre aux yeux" and "Le voyage de M. Perichon," Legouvé and Labiche's "La cigale chez les fourmis," Malot's "Sans famille," Mairet's "La tâche du petit Pierre," Mérimee's "Colomba," extracts from Michelet, Sarcey's "Le siége de Paris," Verne's stories.

Advanced French.

During the third year the work should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories, Augier and Sandeau's "Le gendre de M. Poirier," Béranger's poems, Daudet's "La Belle-Nivernaise," Corneille's "Le Cid" and "Horace," Coppée's poems, La Brète's "Mon oncle et mon curé," Madame de Sévigné's letters, Hugo's "Hernani" and "La Chute," Labiche's plays, Loti's "Pêcheur d'Islande," Mignet's historical writings, Molière's "L'Avare," and "Le Bourgeois Gentilhomme," Racine's "Athalie," "Andromaque" and "Esther," George Sand's plays and stories, Sandeau's "Mademoiselle de la Seiglière," Scribe's plays, Thierry's "Recits des temps mérovingiens," Thier's "L'expédition de Bonaparte en Egypte," Vigny's "La canne de jonc," Voltaire's historical writings.

GERMAN

Elementary German.

1. Proficiency in elementary German grammar, implying familiarity with the following topics: declension of nouns, adjectives and pronouns, conjugation of weak verbs and the more common strong verbs; the prepositions; the simpler uses of the modal auxiliaries; the simpler rules of syntax and of word order.

2. Ability to pronounce German correctly. Imitation of the teacher's pronunciation will be the chief factor in acquiring this.

3. Ability to translate a passage of simple prose at sight. From 150 pages to 200 pages should be read concurrently with the grammar work, chiefly narrative prose with some short lyric poems. Storm's Immensee, Zschokke's Der Zerbrochene Krug, Gerstäcker's Germelshausen, and similar pieces are recommended.

4. Ability to translate into German easy sentences based upon works read.

Advanced German.

In addition to the elementary requirements:

1. Ability to translate at sight ordinary German into good English, such as may be gained by the reading of not less than five hundred pages of classical and contemporary prose and verse selected from such works as Lessing's Minna von Barnhelm; Schiller's Wilhelm Tell, Maria Stuart, Jungfrau von Orleans and Gedichte; Heine's Reisebilder und Gedichte; Freytag's Die Journalisten und Bilder aus der Vergangenheit; Scheffel's Der Trompeter von Säkkingen; Uhland's Gedichte; Hoffmann's Historische Erzählungen; Meyer's Gustav-Adolf's Page; Riehl's Novellen.

2. Ability to discuss the main facts in the life of each author studied and to discusss the characters in the dramas selected.

3. Ability to read every text intelligently in the original. Constant oral practice in the class-room is recommended.

4. A knowledge of the elements of word-formation and of the principal uses of prepositions, conjunctions, modal auxiliaries, the subjunctive mode and the infinitive.

CHEMISTRY

The examination in this subject implies an acquaintance by recitation and laboratory work with elementary

processes and with the properties of common chemical substances; also a familiarity with the chemical notation in its arithmetical meaning, including the ability to solve simple problems based on the relations expressed by formulas and equations.

The requirements in this subject include the study of both metals and non-metals, and may be met by the use of any good Elementary text-book and laboratory manual.

PHYSICS

The student must present satisfactory evidence that he has completed a year's work in Physics consisting of two recitations per week in a first-class text-book (Carhart & Clutes preferred) and one two-hour laboratory period. A certified note-book must be presented showing the student's *original record* of at least forty experiments.

BIOLOGY

One year's work in Biology may be offered for two points in the preparatory course. The year's work should be equivalent to at least one hundred one hour exercises, consisting of at least one-half laboratory work. The note-book records of laboratory work, certified by the instructor, will be required. The course may consist of one year's work in Zoology, or one year's work in Botany, or one-half year's work in each.

It is desirable that considerable field work be done; that the animals and plants be studied in their natural environment. A large amount of data, obtained through accurate observation out-of-doors, forms the best foundation for the work to be accomplished in the laboratory and recitation room.

It is more important that a relatively small amount of laboratory work be carefully and thoroughly accomplished

by proper laboratory methods, than that a large amount of ground be covered in a superficial and unscientific manner.

For a year's work in Zoology, the following texts—supplemented with such laboratory work as time and text would require—are approved: General Zoology by Linville and Kelley; Zoology, Descriptive and Practical, by Colton; Introduction to Zoology, by Davenport.

For one-half year's course in Zoology: Animal Life, by Jordan and Kellogg; Animal Forms, by Jordan and Heath; Practical Zoology, by Davison.

For a year's course in Botany: Plants, by Coulter; Elements of Botany, by Bergen; Introduction to Botany, by Stevens.

For a one-half year's course in Botany: such parts—selected by instructor—of one of the above texts, as can be properly handled in the time.

HISTORY

Ancient History.

a. Roman history to the end of the reign of Marcus Aurelius, with due reference to literature and government. *b.* Greek history to the death of Alexander, with due reference to Greek life, literature and art.

English and American History.

a. English history, with due reference to social and political development. *b.* American history with the elements of civil government.

ADMISSION GROUPS

To show clearly the requirements for admission, the following grouping of the preceding subjects is made. Candidates for admission to the Freshman class in any

course must show adequate preparation in all the subjects of Group I and in enough of Group II to make a total of 28 points. To count 2 points a subject must be pursued for one school year with five recitation periods per week.

GROUP I

English, A and B, (3 years)	6	points
Elementary Latin	6	"
Algebra,	3	"
Plane Geometry,	2	"

GROUP II

Advanced Latin,	2	points
Elementary Greek,	4	"
Advanced Greek,	2	"
Elementary French,	4	"
Advanced French,	2	"
Elementary German,	4	"
Advanced German,	2	"
*Chemistry,	2	"
*Physics,	2	"
*Biology,	2	"
Advanced Algebra,	1	"
Solid Geometry,	1	"
Plane Trigonometry,	1	"
Roman History,	1	"
Greek History,	1	"
American History,	1	"
English History,	1	"

Candidates for the degree of Bachelor of Arts must present in addition to Group I a selection of subjects from Group II aggregating eleven units according to the valuation indicated there. This selection must include Ancient

*The work in the Sciences must include certified note-books exhibiting the results of experimental work performed by the students.

History and either Elementary and Advanced Greek, or Advanced Latin and Elementary French or German.

*Candidates for the degree of Bachelor of Science must present in addition to Group I a selection from Group II aggregating eleven units. This selection must include English and American History, Solid Geometry and Elementary French or German.

Graduates of preparatory schools whose methods and courses of study are approved by the Faculty of the College may be admitted provisionally, upon the certificates of the principals of such schools. The certificates must clearly show that the amount and quality of the work done by those who present them are equivalent to the published requirements of the college. At the close of the first term all who have done scholarly work and maintained satisfactory deportment will be admitted to full standing.

All candidates for advanced standing not presenting certificates from other colleges will be examined in the preparatory studies, and also those previously pursued by the class they propose to enter, or in other studies equivalent to them.

Students of good character who are prepared to do college work, may be admitted to special courses under the direction of the Committee on Registration. All students who can do so are advised to matriculate for a degree, and no one will be allowed to use the privilege here offered for the purpose of securing a merely nominal connection with the college. Special students are subject to the same regulations regarding attendance and examinations as candidates for degrees, and must take fifteen hours of class-room work per week.

*Candidates for the B.S. degree may be received on two years of Latin provided they continue the study of the subject for two years in college.

The regular examinations for admission to college begin on Monday preceding Commencement, and on Monday preceding the first day of the Fall term, at 9 o'clock A.M., in Room No. 5, Hathorn Hall. Arrangements may be made for taking examinations at the student's own school on the 3d Monday preceding Commencement.

Courses of Instruction

It is the aim in each department to exemplify the methods and results of a scholarship at once sound and progressive.

Most of the work of the Freshman year is required. Electives are introduced in the Sophomore year and are increased in number as the course goes on. The essentials of a liberal education are constantly kept in view and the attainment of knowledge is made tributary to the love of study, the habit of investigation, and the tastes and aptitudes of the scholar. The individuality of students is recognized and encouraged without the sacrifice of breadth and thoroughness. Class-room work is supplemented by original observation and research and by a systematic use of the College Library.

LATIN

Latin is offered throughout the four years, three hours a week, and is required of all Freshmen. The courses for Juniors and Seniors are given in alternate years, and are open to both classes.

1. Livy: Burton's Selections. Review of the syntax of the Latin verb and noun. First term.

2. Selections from Latin Poets. Ennius, Catullus, Tibullus, Ovid, Phædrus, Seneca, Martial, (*The Harvard Selections*). Lectures on the history of Latin Literature. Second term.

3. Horace: Odes and Epodes. Study of Horatian meters. Third term.

4. Cicero: *De Senectute* and *De Amicitia*, with special attention to interpretation. Elective for Sophomores. First term.

5. Latin Comedy: *Menœchmi* or *Captivi* of Plautus, and *Phormio* of Terence. Lectures on the relation of the Latin to the Greek comedy. Elective for Sophomores. Second term.

6. Latin Composition. The work of *Latin 6* is especially adapted to the needs of such students as expect to teach Latin in later years. Elective for Sophomores who have completed *Latin 4*. Third term.

7. Juvenal: Selected Satires. Martial: Selected Epigrams. Roman private antiquities. Elective for Juniors and Seniors who have completed at least one elective course. First term.

8. Tacitus: Selections from the Annals. Elective for Juniors and Seniors who have completed at least two elective courses. Second term.

9. Pliny the Younger: Selected Letters. Elective for Juniors and Seniors who have completed at least two elective courses. Third term.

10. The Elegiac Poets of the Augustan Age. Tibullus, Propertius, and Ovid. Elective for Juniors and Seniors who have completed at least one elective course. First term.

11. Cicero: *Tusculan Disputations*, Book I, and *The Dream of Scipio*. Cicero as a student of philosophy. Elective for Juniors and Seniors who have completed at least two elective courses. Second term.

12. Horace: Satires and Epistles. Lectures on suitable topics. Elective for Juniors and Seniors who have completed at least two elective courses. Third term.

Courses 10, 11, and 12 will be omitted in 1907-08.

GREEK

The courses in Greek are so arranged as to give the student a firsthand acquaintance with nearly all the divisions of the wide and varied field of Classical Greek Literature—Epic and Lyric Poetry, the Drama, the Historians, the Orators, Plato and Theocritus. The foremost purpose is to lead to an appreciation of the individual masterpieces read. At the same time the student is encouraged to become acquainted with the entire groups of which these separate works are specimens, and with the history, civilization and art of the periods to which they belong. Lectures and class and individual assignments of library work serve to enlarge the outlook gained from study of a single text. With the same end in view as many additional works as possible are covered through sight reading, and the reading and discussion of translations. While drill in grammar and syntax is not made the main end, accuracy and precision in these subjects are insisted upon throughout the course. Another constant purpose is to prepare intelligent and enthusiastic teachers of the Classics.

1. The Odyssey, selections from Books XIII-XIV. Three hours; first term.

2. Herodotus, Books VII and VIII. Three hours; second term.

3. Lysias, Selected Orations. History of Greek Literature. Three hours; third term.

(Courses 1, 2, and 3 are required of all Freshmen who offer Greek for entrance).

4. Sophocles, Oedipus Tyrannus. Collateral reading of the other extant tragedies of Sophocles in Plumptre's version, and of specimen plays of Aeschylus and Euripides. Elective for Sophomore and Juniors. Three hours; first term.

5. Greek Lyric Poetry. Elective for Sophomores and Juniors. Three hours; second term.

6. Plato, Apology and Crito, with reading of other dialogues in Jowett's version. Elective for Sophomores and Juniors. Three hours; third term.

(Courses 4, 5, and 6 will be omitted in 1907-8).

7. Thucydides, History of the Expedition against Syracuse. Elective for Sophomores and Juniors. Three hours; first term.

8. Theocritus, Idyls. The literature and social conditions of the Alexandrian Period. Elective for Sophomores and Juniors. Three hours; second term.

9. Pindar, Selected Odes. Elective for Sophomores and Juniors. Three hours; third term.

10. Greek Composition. Elective for Sophomores, Juniors, and Seniors. This course will not be counted in making up a student's required hours. It is however recommended as valuable for those intending to teach Greek or Latin. One hour per week, throughout the year.

Special attention is called to the following courses, designed for students who enter College with a preparation in French and German instead of Greek, and who wish to begin Greek in the Freshman year. It is perfectly feasible for a student taking these courses to cover thoroughly in less than two years substantially all the Greek required for admission to college. The same credits are given for these courses as for regular courses 1 to 5.

1, *a*. White's First Greek Book. Five hours; first term.

2, *a*. First half term, White's First Greek Book, completed. Second half, Xenophon's Anabasis. Five hours; second term.

3, *a*. Xenophon's Anabasis, to end of Book II. Five hours; third term.

4, *a*. Xenophon's Anabasis, Books III and IV. Review of Grammar and Syntax. Sophomore year. Four hours; first term.

5, *a*. Homer, Selected Books from the Iliad or Odyssey. Sophomore year. Four hours; second term.

Students who have completed course 5, *a*, will take course 3 the third term of Sophomore year.

ENGLISH

1. Composition and Rhetoric. A systematic study of Description: the writing of weekly themes on assigned and elective topics. Baldwin's Specimens of Prose Descriptions furnish models for Composition work. Hill's Foundation of Rhetoric. Constant reading outside of class is required. Two hours; first term.

2. Composition and Rhetoric. A systematic study of Narration: the writing of one short story each week; the application of Descriptive writing to Narration. Hill's Foundation of Rhetoric. Required reading. Two hours; second term.

3. Composition and Rhetoric. A systematic study of Exposition; the application of method and outline to essay, criticism, lecture, address, oration, editorial article and sermon; a careful explanation of the relation of exposition to argumentation. Lamont's Specimens of Exposition. Hill's Foundation of Rhetoric completed. Two hours; third term.

(Courses 1, 2, and 3, are required of all Freshmen).

4. Argumentation. Baker and Huntington's Principles of Argumentation (revised); brief-drawing; the preparation and delivery of debates. Required reading of masterpieces. Three hours; first term.

5. Debating. Each member of the class is required to draw up a certain number of briefs; to write from these briefs finished debates; to deliver debates from briefs orally before his class. Three hours; second term. Required of men; elective for women.

6. American Literature. The historical development of American literature, with a study of selected works, based on the principles of literary criticism. Reports, abstracts and discussion in class. Three hours; second term.

(Required of Sophomore women who do not elect English 5).

NOTE.—All written work in courses 1 to 6 is corrected and returned to the writer with criticism and suggestions. Every student is required to meet the instructor at stated hours for conference. Hours are also set apart for voluntary conference.

7. Advanced Composition. Open to Sophomores who have shown excellence in some form of composition. The work is, therefore, adapted to individual needs and ambitions. Third term; three hours.

8. Advanced Argumentation. Open to a limited number of Juniors and Seniors who desire to prepare for intercollegiate debating, and who have shown ability in previous work in Argumentation.

9. Special Composition. Open to Juniors and Seniors who have shown marked ability in English Composition. Seminar three times a term. Work is carefully criticised and reviewed in conference with the student. Runs through college year and counts as course for one term.

10. Public Speaking. Open to Juniors and Seniors who have shown ability in public speaking. Manuscripts come under the supervision of the instructor in English; training for public presentation under the direction of the

instructor in Oratory. Three hours; second and third terms.

11. The drama. Lectures on the origin and development of the drama, and its history from Æschylus to Shakespeare. Critical study of selected plays of Shakespeare, with reuqired reading of other works of the Elizabethan age. Outline History of English Literature, one hour each week. Four hours; first term. Elective for Juniors.

12. Literature of the Seventeenth and Eighteenth Centuries. Critical study of selected works of prose and poetry, with lectures on the literary history and biography of the period. Required reading of other works, with research in the Library; reports, abstracts, and discussion in class. Four hours; second term. Elective for Juniors.

13. Literature of the Eighteenth and Nineteenth Centuries. Critical study of selected works, with lectures. Required reading of other works, and investigation of special topics. Four hours; third term. Elective for Juniors.

14. Lectures on literary criticism, with special reference to fiction. Reading of selected works of the Nineteenth Century. Investigation of topics in literary history and criticism. Four hours; first term. Elective for Seniors.

15. History of the English Language. (First six weeks). Critical study of Chaucer; Prologue to The Canterbury Tales, and two of the Tales. Topical study of English history in the time of Chaucer. (Last six weeks). Four hours; second term. Elective for Seniors.

16. English Literature of the Nineteenth Century. Seminary. Special study of Tennyson and Browning. Four hours; third term. Elective for Seniors.

17. Teachers Course. Designed for those who expect to teach English in secondary schools. Extra, 1 hour per week; second and third term.

SOPHOMORE PRIZE DEBATES

Preliminary Debates. — All Sophomores are required to take part in these debates, the subjects of which are announced in the first term of Freshman year. A prize for excellence in debate is awarded in each division of the class. Second term.

Champion Prize Debate.—The speakers presenting the best arguments in the Preliminary Debates compete in the Champion Prize Debate, held during Commencement week; all other Sophomores present Essays on a prescribed subject, in competition for a prize. Third term.

REQUIRED COMPOSITION WORK OF JUNIOR AND SENIOR YEARS

This work, in continuation of that done in courses 1 to 5, is required of all members of the Junior and Senior classes, whether they elect English or not. An essay is presented in each term as follows:

11^1. Essays based on the study of masterpieces of Exposition or Persuasion. Junior year, first term.

12^1. Theses on subjects requiring extended investigation. Junior year, second term.

13^1. Original declamations on assigned subjects. Each member of the Class reads his declamation before a committee, by whom the best twelve are selected for delivery in a prize contest during Commencement week. Junior year, third term.

14^1. Essays in criticism of some classic in English or American fiction. Senior year, first term.

15[1]. Original Parts for the Senior Exhibition. Each student reads his part before a committee, who choose twelve to speak in the Exhibition. Senior year, second term.

16[1]. Commencement Parts. Every member of the class writes a part, but the Commencement speakers are chosen on the basis of scholarship. Senior year, third term.

GERMAN

The study of German is required during the Sophomore year, and is elective during the Junior and Senior years, three hours per week.

The aim of the required work is the acquisition of a thorough knowledge of the fundamentals of German grammar and the ability to translate into good English fairly difficult German prose and poetry. The aim of the elective work is a sympathetic literary interpretation of all texts read, an introduction to the masterpieces of the German drama of the classical period, a general knowledge of the history of German literature and a comprehensive view of the tendencies in German literature since Goethe's death.

Careful drill in pronunciation and the intelligent reading of the German text are insisted upon. Some practice in conversation is given, and German is used in the class-room as far as is deemed advisable by the instructor. In the elective courses a large amount of collateral reading outside the class-room is expected. Advanced grammar and composition are not lost sight of throughout the course, although no specialty is made of these subjects after the first year.

1. Elementary Course. Grammar. Easy prose composition. Three hours; first term.

2. Elementary Course. Translation of easy German prose. Grammar. Prose composition. Three hours; second term.

3. Elementary Course. Translation of German prose and poetry. Prose composition. Grammar. Three hours; third term.

The aim of the elementary course is to enable students to go into advanced work with a thorough knowledge of the principles of grammar, ability to express themselves in simple but correct German, and to appreciate courses conducted in German as far as is possible and desirable.

(Courses 1, 2 and 3 are required of all Sophomores who did not present German for entrance).

4. German Literature of the Eighteenth Century. Lessing: *Nathan der Weise*, *Minna von Barnhelm*. Lectures on Lessing's life and works. History of German Literature from 1500 to 1748 in brief outline. Outside reading in Heyse and Guerber. Three hours; first term.

(Elective for Juniors who have passed in German 1, 2, and 3).

5. German Literature of the Eighteenth Century. Schiller: *Wallenstein*, *Wilhelm Tell*. Selections from Schiller's ballads and lyrics. Lectures on Schiller's life and works. History of German Literature from the earliest times to 1050 in brief outline. Outside reading in Baumbach and Gerstäcker. Three hours; second term.

6. German Literature of the Eighteenth Century. Goethe; *Götz von Berlichingen*, *Dichtung und Wahrheit* (selections). Lectures on Goethe's life and works. History of German Literature from 1050 to 1500 in brief outline. Outside reading in Riehl and Hauff. Three hours; third term.

7. Goethe: *Faust.* Part I and selected portions of Part II. In addition to a critical study of the text, special attention is given to the history of the *Faust* legend and the life of Goethe as reflected in *Faust.* Outside reading in connection with the *Faust* theme. Three hours; first term.

8. German Literature in the first half of the Nineteenth Century. Kleist, Heine, Grillparzer, Freytag. Advanced Composition and Conversation. Outside reading in Eichendorff and Storm. Three hours; first term.

9. German Literature in the second half of the Nineteenth Century. Fulda, Ludwig, Wildenbruch, Hauptmann, Sudermann. Advanced Composition and Conversation. Outside reading in Seidel and Keller. Three hours; third term.

(Courses 5–9 are elective for students who have passed in German 4 or its equivalent).

10. German Seminary. Special work with advanced students. In 1907–08 the subject will be The Romantic Movement in German Literature.

11. Teachers' Course. A general review of German grammar. Essentials of phonetics. Practice in conversation. Discussion of the theories of instruction in the modern languages. One hour; second and third terms.

(Courses 10 and 11 do not count for a degree).

ROMANCE LANGUAGES

FRENCH

1. Elementary Course. Fraser and Squair's French Grammar. Written and oral exercises. Reading of modern prose authors. Daudet's Tartarin de Tarascon; Solial's Petite Histoire de Napoléon le Grand; Extraits de l'histoire de France, by Michelet. Conversation: Méthode Berlitz. Three hours through the year.

2. Intermediate French. Composition and conversation founded on selected texts. Review of grammatical principles. Theuriet's Bigarreau; Daudet's La Belle Nivernaise; Lamartine's Jeanne d'Arc; Enault's Le Chien du Capitaine; Achard s Clos Pommier, Méthode Berlitz. For students who entered on Elementary French. Three hours through the year.

3. Advanced French. Composition, dictation, memorizing. Conversation founded on selected texts. Rapid reading of Victor Hugo's Bug Jargal; Schultz's La Neuvaine de Colette; Dumas' La Tulipe Noire; Thier's L' Expedition de Bonaparte en Egypte; Selected Modern short stories by Coppeé or Maupassant. For students who have had French two years. Three hours through the year.

4. Study of the drama and miscellaneous literature of France in the seventeenth century. Lectures in French upon the age of Louis XIV. Reading: Corneille, Moliere, Racine, Duval and Williams', Le Dix-Septième Siecle. Conversation upon topics assigned in connection with the period. Offered to Juniors. Three hours. First term.

5. French Literature in the Eighteenth Century. Reading: Voltaire, Rousseau; Bernardin de Saint Pierre, Duval's Histoire De La Littérature Française. Lectures in French continued. Conversation. Offered to Juniors. Three hours. Second term.

6. French Literature in the first half of the Nineteenth Century. Chateaubriand. Lamartine. Versification. French Lyrics. Lectures in French. Offered to Juniors. Three hours. Third term.

7. Romanticism and Victor Hugo. Lectures in French upon the development of Romanticism and the Modern Drama. Reading: Les Miserables; Notre Dame de Paris;

Hernani; Quatre-Vingt-Treize. Conversation. Hugo's Lyrics. Offered to Seniors only. Three hours. First term.

8. Chateaubriand. George Sand. The novel and criticism. Pellissièr's The Literary Movement of the Nineteenth Century. Offered to Seniors. Three hours. Second term.

9. Anatole France; Le Crime De Sylvestre Bonnard. Rostand; Cyrano de Bergerac; L'Aiglon. Individual research and Collateral reading. French Conversation. Offered to Seniors only. Three hours. Third term.

SPANISH

Spanish is elective for Seniors, Juniors and, by special permission, for Sophomores. To count toward a degree, it must be pursued at least one year.

Ramsey's Spanish Grammar is used throughout the courses. About 500 pages of various readers and classics are translated the first year, and a similar amount of more diffcult texts the second year. Abundant drill is given in pronunciation. First year courses (1, 2 and 3) are offered in 1907-8 and both first and second year courses will be given in 1908-09.

ITALIAN

Students electing Italian will be required to continue the subject throughout the year.

1. Grandgent's Italian grammar and Bowen's Italian reader. Exercises in dictation, conversation, and composition. Elective for Juniors and Seniors taking extended courses in other modern languages and attaining rank indicating marked ability and interest in this department. Three hours; first term.

2. Continuation of grammar, and composition from Grandgent's text. Reading in class of Testa's *L'oro e L'Orpello* and Goldoni's *La Locandiere*, and at home of De Amicis *Cuore*. Dictation and conversation. Elective for Juniors and Seniors who have completed Course 1. Three hours; second term.

3. Goldoni's *Il Vero Amico*, selections from Manzoni's *I Promessi Sposi*; first, second, and third cantos of Dante's *Inferno*. Elective for Juniors and Seniors who have completed Course 2. Three hours; rhird term.

PHILOSOPHY

The courses in this department are as follows:

1. CHRISTIAN ETHICS. The aim of this course is to derive from the life and teachings of Christ the ideals and principals that are permanently applicable to human conduct, and to show their relations to the problems of individual character and of social progress presented in the life of today. The Bible and Stalker's "Life of Christ" are used as text-books. There is a constant endeavor to make the work practical. To this end, topics requiring special reading are assigned, essays and discussions are prescribed, and occasional talks and lectures are given. Freshman year, first term; one hour a week.

2. PSYCHOLOGY. James's "Briefer Course" as far as Chapter XI. An attempt is made to combine the methods of the "New Psychology" with those of the "Old." Mental life is studied so far as possible in its relation to neural conditions. The nature and processes of the various orders of sensation are oxemplified from every-day experiences. It is the constant aim to translate principles into facts; to explain abstractions by particular instances. Simple experiments for determining reaction time for the different

senses are introduced. Each student selects from a prescribed list certain habits to form and carefully notes and records the results. The tests and examinations are given for the purpose of determining how far the knowledge gained can be applied. Junior year, third term; three hours a week.

3. Psychology. James's "Briefer Course" from Chapter XI. The text-book is supplemented by talks, informal lectures, and required reading. The student is encouraged to compare the authorities consulted with the conclusions that he derives from introspection; and an attempt is made, especially in the study of Attention, Association, Imagination, and Memory to discuss and compare differences in mental individuality. So far as practicable, Psychoogly is made to shed light on the problems of Education and to yield practical suggestions to teachers. In the consideration of the Instincts, the Emotions, and the Will, the work is conducted largely from the ethical as well as the pedagogical point of view. Senior year, first term; three hours per week.

4. History of Philosophy. This course by the historical method introduces the student to the problems of Philosophy as they have actually arisen and developed. Greek Philosophy is studied as a preliminary statement of these problems. In the various systems of Modern Philosophy the student is led to acquire methods of philosophical reflection, and to form tentative conclusions on the questions at issue.

A text-book is used supplemented by lectures and discussions. The student studies some one system more intensively, and gives the results of this study in a thesis. Elective to Seniors during the first term. A three hour course.

5. Current Philosophy. A further study of the problems outlined in Course 4. Paulsen's Introduction to Philosophy serves as the basis for discussion upon the following topics: Relation of Philosophy and Religion; Philosophy and Science; Materialism; Theism; Pantheism, Evolution, Panpsychism, The Nature of the Soul. In all of these discussions the scientific and the pragmatic points of view, as well as the purely reflective, are kept in view. A thesis upon some one of the subjects above is required. Three hours per week during the second term of the Senior year.

6. Logic. This course is designed not merely to acquaint the student with the principles of formal logic, but to enable him to utilize the knowledge gained in analyzing and evaluating argument. Theory is not disregarded, but practical value is made paramount. By actual practice in detecting fallacies the student is put upon his guard against error both in his own thinking and in the thought of others. Deduction and Induction are both studied in this way, especial attention being given to their application to argumentation. Elective for Juniors the second term. Three hours.

7. Aesthetics. A course in the development and interpretation of the Fine Arts. The work includes a brief historical survey of different schools and periods and the endeavor to formulate the principles which underlie the various arts. By the use of copious illustrative material the attempt is made to develop an intelligent appreciation of representative works of art. Elective for Juniors the first term. Three hours.

8. Ethics. A study of various ethical theories with a view to finding a satisfactory basis for both civic and personal morality. The influence of Evolution upon Ethical

theory will be discussed and the metaphysical implicates of Ethics examined. The text will be supplemented by required reading, reports and informal discussions. Third term of the Senior year; three hours per week.

EDUCATION

1. History of Education. An examination of various nations both past and present so far as their civilizations were determined or modified by educational theories and practices. This course is a comprehensive study of Education as a function of society and as a power to shape national ideals. The course is designed not merely for those who expect to teach, but for all who would examine critically the principles which have shaped our modern ideals of learning and of culture. Elective for the Juniors the third term, three hours per week.

2. Educational Reformers. A study of the educational ideas of those who have shaped our modern conception of education and of educational methods. The course is a critical examination of the movements these men have inaugurated, leading to the construction of an intelligent theory of the function of education. This is done by an examination of the work and theory of those whose names have become household words in the educational world. Open to the Seniors during the first term, three hours per week.

3. Psychological Principles of Education. A critical study of Education considered as mental development. The course consists of an examination of the mental processes involved in the various stages of the child's development, and conclusions as to the best method of attaining rapid and consistent development. It is a diagnosis of the mental and moral nature of the child at the representative

periods of childhood and youth. Being Psychology applied to education it is of interest to all who desire to understand better human nature as it is found in the child, and to know the most efficient means of promoting his intellectual and moral growth. Elective for Seniors the second term; three hours per week.

4. Educational Methods. A technical course in methods of teaching for those who expect to engage in school work. This course will be a practical summary of all the preceding work and based upon Course 3 directly. Besides methods in the various subjects taught, there will also be informal discussions upon some of the more practical problems of the teachers routine work. The thoeretical conclusions will be supplemented by visits to the schools of our cities, and with an actual testing of our conclusion by practical work. Three hours per week during the last term of the Senior year.

HISTORY

1. Greek Statesmanship. Greek History from 600 to 300 B.C., studied with special reference to the problems encountered by Greek statesmen in foreign relations and domestic politics. An estimate of the aims, methods and achievements of successive statesmen. Freshmen. Third term. Three hours. Elective.

2. Mediæval Europe. This course includes a survey of the Roman Empire, the invasions of the Germans, and a more detailed study of the development of France and Germany, including Italy, throughout the Mediæval period. Special stress is laid upon such special topics as Feudalism, the Crusades, the Mediævel church and the Renaissance. Sophomores. First term. Three hours. Elective.

3. Modern European History. This course begins with the Reformation and traces the development of the

leading Continental European nations up to the present time, paying especial attention to the causes and results of the French Revolution. Sophomores. Second term. Three hours. Elective.

4. English History. This course outlines the devel opment of England, politically and constitutionally, with chief emphasis on the growth of Democracy and of Empire. Particular attention is paid to those features which form a background for American History. Sophomores. Third term. Three hours. Elective.

5. American History to 1789. This course aims to trace the beginnings of the American Nation rather than to study the individual colonies in detail. Emphasis is therefore laid on the European inheritance brought to this country by the colonists, their development of American institutions in the new environment, the expansion of the population, the struggle between the French and the English for the possession of North America, the underlying causes of the Revolution, and the growth of Independence and Union. Juniors. First term. Three hours. Elective.

6. American History, 1789 to the Present Time. This course deals with the establishment of our government under the Constitution, the development of the Nation in the early nineteenth century, the controversy over slavery, the Civil War and Reconstruction, and the recent political problems of the day. Juniors. Second term. Three hours. Elective.

ECONOMICS

1. Economics. An introduction to the meaning and the elementary principles of Political Economy. The nature of wealth, the meaning of value, the principles of

exchange, and the factors and conditions of production will be discussed and, as far as possible, cleared up. A text-book will be used, but unlimited criticism and discussion will be encouraged. Juniors. Third term. Three hours. Elective.

2. Economics. A more detailed study of the aspects of the science not dealt with in the preceding term, such as Banking, International Trade, and the relation between Labor and Capital. Seniors. First term. Three hours Elective.

POLITICAL SCIENCE

This course will include an inquiry into the fundamental principles of the State, of Government and Law; and a comparative study of the governments of England, France, Germany, and the United States, as expressed in their constitutions and as manifested in actual operation. Seniors. Second term. Three hours. Elective.

SOCIOLOGY

A course in theoretical rather than in practical sociology. The nature of society will be investigated, its origin and evolution discussed, and the leading forms of social institutions and activities described. Seniors. Third term. Three hours. Elective.

BIBLICAL LITERATURE

LITERARY STUDY OF THE BIBLE

A study of the Bible as literature. The spiritual message of both the Old Testament and the New Testament is conveyed by means of an interesting variety of literary forms. An appreciation of these forms not only makes the Bible more attractive, but also contributes largely to a clear understanding of its meaning. This course is offered

with the purpose of making the student familiar with the various forms of biblical poetry and prose. Biblical verse will be compared with Greek and English poetry. The influence of the Bible on the great books of the world will be considered. The course as a whole should lead one to a proper estimate of the Sacred Scriptures as second to none of the great literatures. Students will use Gardiner's "The Bible as English Literature," Moulton's "Literary Study of the Bible," and "The Modern Reader's Bible." Freshman class. Third term. Three hours. Elective.

HISTORY AND LITERATURE OF SEMITIC PEOPLE

This department aims to be of value to those who have a general interest in history or literature, and who wish to become acquainted with the beginnings of civilization in the various ancient Semitic centers of life. The method of instruction is by lectures, supplemented by assigned reading when the material is available in English. Three courses are offered—one each term, three hours per week—and each course is complete in itself.

The first term is given to the study of the civilizations of the Tigris-Euphrates and Nile valleys. In recent years excavations have brought to light the remains of old Babylonia and Assyria. The unearthed clay books give to the modern world a vast amount of ancient wisdom of great value and interest to the student of history or literature. Egypt is noticed more briefly. Its history, particularly where it touches that of Palestine, is outlined; and some attention is given to the culture and religion of the Egyptians.

The work of the second term gathers about the Hebrews. After a brief glance at their Semitic neighbors (particularly the Phenicians) the history of the Hebrew people is

traced in outline to the present time, and this is followed by a study of their religion and literature. The growth of their unique religious ideas is observed in an effort to appreciate the great significance of the Hebrew race religiously; then the Old Testament books are examined as to their origin, date and content; and the later apocryphal, Hellenistic and rabbinical writings also receive some attention.

The third term is given to two principal topics: the Arabs and the rise of Mohammedanism on the one hand, and the historical origin of Christianity and the rise of the New Testament on the other. The life of Mohammed is studied with special reference to the rise of the Koran; and the New Testament books are examined with respect to their origin, date and content. The beginning of Christianity, with its valuable literature, is found to form a fitting climax to the previous ages of Semitic culture.

MATHEMATICS

1. Algebra. Ratio and proportion, variation, series, binomial theorem, undetermined coefficients, logarithms, permutations and combinations, probability, continued fractions, theory of equations, graphic algebra. First term; four hours each week.

2. Geometry. Solid Geometry, which includes polyhedral angles, the various solids bounded by planes, the cone, the cylinder, and the sphere. This course includes a large amount of original work in demonstration and computation. Second term; four hours each week.

3. Trigonometry. Plane and spherical Trigonometry, with problems and applications. Third term; four hours each week.

(Courses 1, 2, and 3 are required of all Freshmen. A

brief elective course is given in elementary surveying, largely by lectures).

4. Plane Analytical Geometry. First term; three hours each week.

5. Plane Analytical Geometry, including Higher Plane Curves, completed. Four weeks of second term; three hours each week.

5^1. Analytical Geometry of three dimensions. Last eight weeks of second term; three hours each week.

6. Differential Calculus with applications. Third term; three hours each week.

(Courses 4, 5, 5^1, and 6, are elective for Sophomores, or any others who may have taken Courses 1, 2, and 3).

7. Differential Calculus completed. First term; three hours each week.

8. Integral Calculus, with application. Second term; three hours each week.

9. Integral Calculus completed. Third term; three hours each week.

(Courses 7, 8, and 9 are elective for Juniors, or any others who may have taken the previous courses).

10. Differential Equations, (Elementary course). First term. Two periods each week. Solution of ordinary and partial differential equations with applications to geometry and physics. Elective for Seniors.

11. Determinants and Theory of Equations. Second term; two periods each week. This course is devoted to determinants, complete quantities, properties of polynomials, general properties of equations, symmetric functions, limits and separation of the roots of an equation, elimination and solution of numerical equations. Elective for Seniors.

PHYSICS

1. Mechanics and Heat. Lectures, recitations, and problem work. For students who do not intend to take courses in engineering or to pursue the study of Physics after the Sophomore year. Sophomore year. First term; three hours per week.

2. Electricity and Magnetism. A continuation of course 1. Sophomore year. Second term; three hours per week.

3. Light and Sound. A continuation of course 2. Sophomore year. Third term; three hours per week.

4. Mechanics. Recitations and problem work with illustrative lectures. Two hours per week, and laboratory work one period per week. First term; Sophomore year. This course is designed to suit the needs of students intending to study engineering or to take a Major or Minor in Physics.

5. Electricity and Magnetism. A continuation of course 4. Two hours recitations and one laboratory period per week. Second term; Sophomore year.

6. Light, Sound and Heat. A continuation of course 5. Two hours recitations and one laboratory period per week. Third term; Sophomore year.

Note. Courses 1, 2, and 3, or 4, 5, and 6 contsitute the required work in Physics.

7. Physical Laboratory. Two periods per week laboratory work in Mechanics and Heat, Electricity and Magnetism, Light and Sound, and one recitation per week in laboratory methods, etc. Elective for Juniors. One year course.

8. Elements of Electrical Engineering. Direct currents. Elective for Juniors and Seniors. Two recitations and one laboratory period for a year.

9. Elements of Electrical Engineering. Alternating currents. Elective for students who have taken course 5. Three hours per week for a year. (Not given in 1907–08).

10. Theoretical and Applied Mechanics. Elective for students who have studied Elementary Calculus. Three hours per week for a year. (Courses 9 and 10 are given in alternate years).

11. Light. Based on Wood's Physical Optics. Elective for Seniors. Three hours per week. First and second term.

12. Physical Manipulations. Preparation of lecture experiments. Photography. Discussion of papers. Third term; Senior year.

MECHANICAL DRAWING

1. Mechanical Drawing. Use of instruments. Geometrical problems and projection. Simple mechanical details. Three hours per week. Second term of Freshman year.

2. Descriptive Geometry. A continuation of course 1. Three hours per week. Third Term. Freshman year.

CHEMISTRY

Work in this department includes recitations, lectures and laboratory practice, and continues through the Sophomore, Junior, and Senior years. The study begins with lectures and recitations on the non-metallic elements and their compounds. In connection with these subjects the elements of Theoretical Chemistry are taught, and the students are given practice in the solution of a variety of chemical problems.

1. Inorganic Chemistry, the non-metals. This course is devoted to the elementary principles of the science. It

deals with the nature and properties of a few common elements and the application of the fundamental laws and theories concerning their combination. Recitations and experimental lectures. Three hours; second term.

2. General and Experimental Chemistry. A continuation of Course 1, dealing largely with the metallic elements and including a few of the more common carbon compounds. Recitations and lectures with laboratory work. Three periods; third term.

Courses 1 and 2 are required of Sophomores entering without Chemistry.

3. Qualitative Analysis. An inductive course of basic analysis, and the preparation of a variety of inorganic salts. Three exercises (six hours); first term. Elective for all who have taken Courses 1 and 2, or their equivalent.

4. A continuation of Course 3. Acid and blowpipe analysis, and the separation of a large number of mixed compounds. Three exercises (six hours); second term. Elective for those who have taken Course 3.

5. Organic Chemistry. An introduction to the study of the compounds of carbon. The methane and benzene series and their derivatives. Three exercises (six hours); third term. Elective for Juniors.

6. Quantitative Analysis. Laboratory practice in the use of the methods of gravimetric and volumetric analysis; separation and estimation of metals, acids, and water of crystallization. Three exercises (six hours); first term. Elective for students who have taken Courses 3 and 4.

7. A continuation of Course 6, with special work on ores, alloys and mineral waters. Three exercises (six hours); second term. Elective for students having the necessary qualifications.

8. General Organic Chemistry. Quantitative work.

Lectures and Laboratory work on a variety of food products and their common adulterants. Three exercises (six hours); third term. Elective for students who have done superior work in Courses 5 and 6.

9. Physiological Chemistry. Lectures and Laboratory work. Three exercises (six hours). Elective for Seniors.

The Laboratory exercises of the last three courses are varied according to the tastes and requirements of individual students.

BIOLOGY

BOTANY

1. Morphology, Physiology, and Ecology of Flowering Plants. The method of instruction in this course consists of recitations upon the above subjects as they are devel oped by a study of the text-book, by lectures and in laboratory work, and also of a series of laboratory exercises, in which a careful study is made of the morphology of the various parts of the plant body. The seeds, roots, stems, leaves, flowers and fruit are taken up in succession; the structure and relation of these parts to the life processes of the plant are recorded in the laboratory note-book, by means of drawings and descriptive notes. Sufficient time is given to flower analysis so that each student has such practice as will make him familiar with the method of work. Considerable attention is given to field work.

The aim of this course is two-fold: (1) To give the student a general yet comprehensive knowledge of the life processes and structure of the flowering plants; and (2) to begin the training which is so essential to all scientific work—that of accurate observation. Course 1 is given during the third term, three periods, and is elective for Freshmen.

2. Typical Course on the General Classification of the Plant Kingdom. The work of this course comprises recitations, lectures, and laboratory exercises. A study is made of the principles upon which modern classification is based. Type specimens representing the various groups and sub-divisions of the vegetable kingdom are taken up and studied as to their distinctive characteristics, structure, etc., together with a consideration of the inter-relations of the groups. In the laboratory the student studies and sketches most of the specimens taken up in recitation.

Field work constitutes an important part of this course. Weekly trips are taken into the surrounding country for the purpose of collecting and studying the plants in their natural environments. This field work is especially helpful in fixing in the student's mind the general classification of the plant kingdom.

It is the aim of the course to give the student a knowledge of what organisms the plant kingdom includes and how these same organisms are grouped in a general classification. Course two is given during the third term, three periods, and is elective for Juniors.

3. Cryptogamic Botany. This is a laboratory course, combined with some lecture and recitation work. It is mainly a study of the morphology of cryptogamic plants, beginning with the lowest Thallophytes. The work requires the use of the compound microscope quite constantly, and the members of the class obtain thereby a practical knowledge of the simpler manipulations of the microscope and preparations of sections. Each student is required to offer for inspection twenty-five stained and permanent sections. Carefully kept note-books with drawings and descriptive notes are required throughout the course.

The two chief objects of the course are: (1) the acquiring of a knowledge of the morphology of the cryptogams; and (2) accurate observations and correct interpretation of the same. The course is given during the first term, three periods (six hours), and is elective for Juniors and Seniors.

ZOÖLOGY

1. General Principles of Zoölogy. Instruction in this course is given by recitations. Its aim is to teach the general principles of the subject. The course takes up the history and subdivisions of Zoology, the structure, development, and functions of cells, tissues, and organs, general embryology, etc. The course is given during the first term, three hours, and is elective for Sophomores. Course 1 should be taken by any who contemplate future work in the subject.

2 and 3. Morphology, Biology, and General Classification of the Animal Kingdom. The work of these courses is carried on by recitations, lectures and laboratory exercises. One of the chief aims of the work is the outlining of the principal groups of the animal kingdom, together with the study of their Biology and Morphology. The laboratory work is confined to representatives of the chief groups of invertebrates. Typical forms are studied microscopically or dissected, and careful drawings with descriptive notes must accompany the laboratory work. The courses are given during the second and third terms, three periods (six hours), and are elective for Sophomores who have completed course 1.

4. Comparative Anatomy of Vertebrates. Instruction in this course is given chiefly by laboratory exercises and lectures. Type representatives of the different classes of Vertebrata are very thoroughly dissected and studied in a

comparative way, from the lower forms to the higher. All observations and records are kept by means of drawings and notes. The course is intended especially for those who are particularly interested in Biological science, or who intend the future study of human anatomy and medicine.

Course 4 is given during the first term, three periods (six hours), and, in fact, the work of the course, as it is outlined in the above statement, extends throughout the year, including Courses 5 and 6. Course 4 is elective for Juniors.

5. Comparative Anatomy of Vertebrates. As given in the statement above, this course is merely a continuation of the same kind of work as begun in 4. Course 5 is given during the second term, three periods (six hours), and is elective for Juniors.

6. Comparative Anatomy of Vertebrates. This course continues the work of Courses 4 and 5. Course 6 is given during the third term, three periods (six hours), and is elective for Juniors.

7 and 8. Microscopic Technique. In these courses, instruction is given by lectures and laboratory work. A study is made of the parts and use of the compound microscope, together with laboratory work upon the more essential methods of investigation. This involves practical work upon an invertebrate animal, in some of the more important methods of fixing, hardening, dehydrating, staining, clearing, imbedding, sectioning, and mounting. The course is given during the first and second terms, three periods (six hours), and is elective for Seniors.

9. Histology. The work is taken up by recitations, lectures, and laboratory exercises. The aim of the course is to teach the origin, development and structure of the more important animal tissues. The course is given

during the third term, three periods (six hours), is elective for Seniors, but open only to those who have taken Courses 7 and 8.

PHYSIOLOGY

1. Physiology and Hygiene. Instruction in this course is given by lectures and recitations. This course is devoted chiefly to Physiology and Hygiene with emphasis placed upon Hygiene. "The Human Mechanism" by Hough and Sedgwick is used as a text. Required of Freshmen that do not offer Greek for entrance. First term, three hours per week.

2. Physiology and Anatomy. The work of this course consists of recitations and laboratory exercises. The laboratory work is outlined after the course of Dr. Darling at Harvard University.

The practical value of the course is greatly augmented through the use of the Bock Stegers anatomical models of the heart, eye, ear, trunk, etc.; also by use of a human skeleton. Elective for Freshmen that do not offer Greek for entrance and that do not take Mechanical Engineering. Second and third terms, three hours per week.

ASTRONOMY

1, 2 and 3. The courses in Astronomy are elective for Seniors. Moulton's Introduction is the text-book used in the first term, and Young's Manual, together with Moulton, in the second and third terms. The subject is developed by lectures, recitations, observations, the solution of numerous problems, and reports on supplementary reading.

GEOLOGY

1, 2 and 3. The courses in General Geology occupy a full year, and are elective for Seniors and Juniors. Le

Conte's Elements is the text-book, and the recitations are supplemented by lectures, field-work and special readings. The first term is devoted to Dynamical Geology, and the second and third terms to Structural and Historical Geology.

4, 5 and 6. Advanced courses will be given to students who have pursued General Geology one year.

ORNITHOLOGY

1. Considerable attention is given to the study of Ornithology, apart from that of general zoölogy. In the first term twelve lectures are given to the Freshman Class on the characteristics of birds—peculiarities of physical structure, flight, utility, song, beauty, intelligence, and migration; on the fossil, sub-fossil, and extinct birds, and on classification. The last lecture of the term is devoted to the winter birds of Maine. This lecture is preparatory to the work to be done by the class during the winter. Prizes are given to the members of the class that report the longest list of birds observed and carefully identified between the first of December and middle of March. Two prizes are also given to the class for the best winter sketches of not more than two thousand words each.

2. In the twelve lectures given in the spring all the species of the inland birds of Maine are described and the mounted specimens are shown to the class. Four times a week, from the last of March to the middle of June, the members of the Freshman class make early morning excursions of one hour and a half to the fields and woods in search of the birds. Particular attention is directed to the songs and notes of the birds. From 75 to 130 different species are recognized in one year by the careful observers.

ELOCUTION

FRESHMAN YEAR—SECOND TERM

1. Development and training of the imaginative instinct. Simple attention, and admiration of nature. Spontaneity; Freedom; Vocal Painting.

VOCAL TRAINING. Correct methods of breathing. Openness of tone passage. Preparatory action for speech. Ease, freedom, and openness in tone production. Class work one hour a week.

PRIZE DECLAMATION, in which every member of the class is prepared by special instruction and drill.

SOPHOMORE YEAR—FIRST TERM

2. Development of logical instinct. Emphasis; Inflection; Touch; Subordination; Sequence of ideas.

VOCAL TRAINING, to secure control of breath and elasticity of tone. Class work one hour a week.

PRIZE DECLAMATION, in which every member of the class is prepared by special instruction and drill.

JUNIOR YEAR—THIRD TERM

3. Study of conversation, narration, description, and soliloquy, to develop naturalness in speech form.

VOCAL TRAINING, continued to develop agility and ease. Class work one hour a week.

SENIOR YEAR—THIRD TERM—ELECTIVE

4. Sympathetic instinct; Transition; Contrast; Rhythm; Pause; Attack. Effect of Emotion in Tone; Tone Color; Purpose. Vocal training continued. Class work one hour a week. Open to young women only.

5. Study of different forms of oratory. Work on examples of each style, with training in gesture and attitude, as related to public speaking. Open to young men only. Senior year. Third term.

HYGIENE AND PHYSICAL TRAINING

HYGIENE

The Director of Physical Training gives each young man entering the Freshman Class a thorough physical examination during the first term of his attendance at college. From the measurements and strength tests taken, a chart is made out for each student, showing his size, strength, and symmetry, in comparison with the normal standard, and also what parts of the body are defective either in strength or development. A hand-book containing the exercises prescribed for the correction of any physical defects shown by his chart, and giving specific directions in regard to diet and bathing, is furnished each student.

When any student is found defective in vision, he receives from one of the college oculists the specific treatment that his case may require.

PHYSICAL TRAINING

1. Class exercises: Military drill, setting-up exercises, and Indian-club swinging. Squad exercises (graded to suit the strength of each division): Basketball, indoor athletics, chest-weights, developing appliances, bar, rings, etc. From the first of November to the first of April. Monday, Tuesday, Thursday, Friday. Required of Freshmen.

2. Class exercises: Setting-up exercises, dumb-bell drill. Squad exercises: Boxing, wrestling and heavy gymnastics, basketball, bowling, indoor athletics. Second term; Monday, Tuesday, Thursday, Friday. Required of Sophomores.

3. Class exercises: Setting-up exercises, fencing with single sticks and with broad-swords. Squad exercises: Basketball, indoor athletics, heavy gymnastics. Second term; Monday, Tuesday, Thursday, Friday. Required of Juniors.

PHYSICAL TRAINING FOR WOMEN

Physical training is a necessary requisite for the best moral, mental and spiritual growth, in the attainment of strong, refined and useful womanhood. Accordingly, the aim of this department is to aid in the physical development of each young woman and to supervise the physical welfare of each during her college course. Plan of work as follows:

The director gives each young woman entering the Freshman Class a thorough physical examination including measurements and strength tests. These are taken again at the end of the Senior year, thus showing her increased strength and development in comparison with her first measurements and strength tests. The first two months of the Fall term and the greater part of the Spring term are spent in out-door sports. Every girl is urged and encouraged to take up some form of out-door exercise, such as tennis, walking. or English field hockey. For these games the College affords ample facilities. The work in the gymnasium under the personal supervision of the Director begins the first of November and continues through the Winter term.

The gymnastic work is based upon the Swedish System. The exercises consist of a great deal of free-hand floor work and light apparatus work especially adapted to women. These exercises involve the complete and powerful use of all the large groups of muscles, thus producing the essential hygienic effect, tending to correct all faulty postures and giving training in co-ordination. Such games as indoor basketball, volleyball, captainball, and many others, played under the supervision of the Director are of the greatest educational value. Fancy steps and Gilbert aesthetic movements train especially the sense of rhythm

and the power of co-ordination. The practical results derived from this work are grace, and ease of movement and bearing, together with a certain amount of endurance.

Practical talks and lectures in personal hygiene are given to the young women of the Freshman class. Three hours a week required of Juniors, Sophomores and Freshmen. Two hours a week required of Seniors.

Outline of Studies

The figure preceding a subject indicates the number of the course in that study as explained on pages 31 to 66. The figure following a subject indicates the number of exercises per week. Electives are italicized. The left-hand column in the Freshman year shows the arrangement of courses for students who offer Greek for entrance or who take Elementary Greek; the right-hand column, the approximate arrangement for others.

FRESHMAN YEAR

First Term

1 Latin	3	1 Latin	3
1 or 1 *a* Greek	3	1 Physiology	3
1 English	2	1 English	2
1 Mathematics	4	1 Mathematics	4
1, 2 or 3 French	3	1, 2 or 3 French	3
1 Christian Ethics	1	1 Christian Ethics	1
1 Ornithology	1	1 Ornithology	1

Second Term

2 Latin	3	2 Latin	3
2 or 2 *a* Greek	3	2 *Physiology*	3
		1 *Freehand Drawing*	3
2 English	2	2 English	2
2 Mathematics	4	2 Mathematics	4
1, 2 or 3 French	3	1, 2 or 3 French	3
1 Elocution	1	1 Elocution	1

Third Term

3	Latin	3	3	Latin	3
3 or 3 *a*	Greek	3	3	*Physiology*	3
1	*Botany*	3	2	*Descriptive Geometry*	3
1	*Greek History*	3	1	*Botany*	3
1	*Biblical Literature*	3	1	*Greek History*	3
3	Mathematics	4	1	*Biblical Literature*	3
1, 2 or 3	French	3	3	Mathematics	4
2	Ornithology	1	1, 2, or 3	French	3
3	English	2	2	Ornithology	1
			3	English	2

SOPHOMORE YEAR			JUNIOR YEAR		
First Term					
4	English	3	11	*English*	4
1 or 4	German	3	3	*Chemistry*	3
1 or 4	Physics	3	4	*German*	3
2	Elocution	1	4	*French*	3
4	*Mathematics*	3	7, 8	*Physics*	3
4	*Latin*	3	5	*History*	3
2	*History*	3	3	*Botany*	3
4 or 4	*a Greek*	3	3	*Zoölogy*	3
1	*Zoölogy*	3	7	*Latin*	3
3	*Chemistry*	3	7	*Mathematics*	3
			7	*Greek*	3
			8, 9	*English*	3
			7	*Aesthetics*	3
Second Term					
5 or 6	English	3	6	*History*	3
2 or 5	German	3	4	*Chemistry*	3
2 or 5	Physics	3	12	*English*	4
1 or 4	Chemistry	3	10	*Public Speaking*	3

5	*Mathematics*	3	8 *Latin*	3
5 or 5	*a Greek*	3	5 *German*	3
3	*History*	3	5 *French*	3
5	*Latin*	3	7, 8 *Physics*	3
2	*Zoölogy*	3	8 *Mathematics*	3
2 or 3	*French*	3	4 *Zoölogy*	3
			8 *Greek*	3
			6 *Logic*	3

Third Term

3 or 6	German	3	2 Psychology	3
2 or 5	Chemistry	3	1 *Economics*	3
3 or 6	Physics	3	3 *Elocution*	1
7	*English*	3	13 *English*	4
6	*Mathematics*	3	10 *Public Speaking*	3
6	*Latin*	3	6 *German*	3
2 or 3	*Freneh*	3	6 *French*	3
4	*History*	3	5 *Chemistry*	3
6	*Greek*	3	7, 8 *Physics*	3
			5 *Zoölogy*	3
			9 *Latin*	3
			9 *Mathematics*	3
			2 *Botany*	3
			9 *Greek*	3
			1 *History of Education*	3

SENIOR YEAR

First Term

3	Psychology	3	6 *Zoölogy*	3
14	*English*	4	1 *Spanish*	3
7	*German*	3	3 *Botany*	3
7	*French*	3	1 *Astronomy*	3
6, 9	*Chemistry*	3	2 *Economics*	3

9, 10, 11	*Physics*	3	2	*Educational Reformers*	3
10	*Latin*	3	4	*History of Philosophy*	3
1	*Geology*	3	1	*Semitic Literature*	3
10	*Mathematics*	3			

Second Term

15	*English*	4	11	*Latin*	3
7	*Chemistry*	3	7	*Zoölogy*	3
9, 10, 11	*Physics*	3	2	*Spanish*	3
8	*German*	3	1	*Political Science*	3
8	*French*	3	2	*Geology*	3
11	*Mathematics*	3	3	*Psychological Principles of Education*	3
2	*Astronomy*	3			
5	*Current Philosophy*	3	2	*Semitic Literature*	3

Third Term

4	*Elocution*	1	9	*German*	3
8	*Ethics*	3	12	*Latin*	3
16	*English*	4	3	*Spanish*	3
8	*Chemistry*	3	8	*Zoölogy*	3
9, 10, 12	*Physics*	3	3	*Geology*	3
1	*Sociology*	3	4	*Educational Methods*	3
9	*French*	3	3	*Semitic Literature*	3
3	*Astronomy*	3			

After the first year students elect subjects enough to make not less than 15 exercises per week and, except by special arrangement, not more than 17.

THE COMBINED COURSE

This course permits students of the Sophomore, Junior and Senior classes, who have the ministry in view, to elect each year one study in the classes of Cobb Divinity School.

This enables the student to complete, while in the College, the equivalent of one full year's work of the divinity course; so that upon graduating from the College, two more years in the Divinity School will entitle him to graduate therefrom; thus reducing by one year the length of his entire course in the College and Divinity School.

Students pursuing this course will take the following studies in the Divinity School: While Sophomores in College, New Testament Interpretation with the Junior Class of the Divinity School; while Juniors in the College, New Testament Interpretation with the Middle Class in the Divinity School; while Seniors in the College, Hebrew and Old Testament History with the Junior Class in the Divinity School.

BACHELOR'S DEGREES

The courses of instruction offered lead to the degree of Bachelor of Arts or Bachelor of Science.

The different departments of instruction are arranged under three groups: I, Languages; II, Philosophy (including History and the Social Sciences); and III, Sciences (including Mathematics).

GROUP ARRANGEMENT OF STUDIES

GROUP I	GROUP II	GROUP III
Languages	*Philosophy*	*Sciences*
Latin	Philosophy	Mathematics
Greek	History	Physics
English	Economics	Engineering
German	Political Science	Chemistry
French	Sociology	Biology
Spanish	Education	Physiology
Italian	Aesthetics	Astronomy
	Biblical Literature	Geology
		Ornithology

MAJORS AND MINORS

All candidates for degrees are required to make their elections with reference to major and minor subjects.

A major subject must cover at least three hours per week for three consecutive years, or must consist of nine three-hour courses of definitely related subjects.

A minor subject is a similar succession of courses continued for two years. In certain cases, by arrangement with the Committee on Curriculum, a major or a minor study may be made up by a combination of related courses from different departments. This is especially true in the Philosophy Group.

REQUIREMENTS

A candidate for the degree of Bachelor of Arts must complete before graduation a major subject in Group I or II, and a minor subject, beginning after the Freshman year, in each of the other Groups. A candidate for the degree of Bachelor of Science must complete before graduation a major and a minor subject in Group III, and a minor in each of the other Groups.

In complying with the above conditions, subjects indicated as required in the "Outline of Studies" may count equally with electives. A student in making his elections for the Junior year should indicate in which Group he intends to secure his Major, and in making his elections for the Senior year should indicate the Departments in which he intends to secure his Major and his Minors.

REGISTRATION

The committee on registration are in session on the first day of each term, and all students are required to register at that time unless previously excused. Students failing to comply with the above requirement are charged one

dollar for subsequent registration, and this sum will be collected with their term bills.

HONORS

The method of awarding honors and assigning Commencement parts is as follows: Six honors, three to young men and three to young women, are awarded for Scholarship in each of the three general Groups as given under the Group Arrangement of Studies.

From the eighteen persons receiving these honors eight are selected to deliver Commencement parts.

LABORATORIES

CHEMICAL

On the first floor of Hedge Laboratory are the chemical lecture room, with rooms adjoining for chemicals and apparatus, and a class laboratory room fitted up with tables and sinks sufficient to accommodate thirty-two students. The large room for the general laboratory work of the classes occupies the most of the second floor. It is well lighted, thoroughly ventilated, and conveniently fitted with sinks, hoods, and tables sufficient to accommodate fifty-eight students. Adjoining this room are the weighing and apparatus rooms and the private laboratory of the professor.

The arrangement and appliances of the whole building are in accordance with the most approved plans of modern laboratories.

PHYSICAL

The department comprises a well arranged lecture-room, a large and well appointed general laboratory and apparatus room, a dynamo room and workshop, and a dark-room. These are conveniently arranged and well furnished for their purposes. The collection of apparatus for lecture purposes and for student laboratory work is rapidly growing.

BIOLOGICAL

Excellent accommodations have been prepared in Science Hall for a Biological laboratory and recitation rooms. These are fitted with the necessary appliances and afford ample opportunities for thorough and extensive work in this department.

CABINETS

BOTANICAL

The nucleus of the Herbarium was gathered many years ago by an enthusiastic botanist, the late Dr. Aaron Young. It contained a representative collection of New England plants. Many of the Maine specimens were gathered during the State Geological Survey, conducted by the late Dr. Charles T. Jackson. The plants chiefly used now, however, in identifying species, constituted the herbarium of the late President Chadbourne of Williams College.

Of this, Dr. O. R. Willis, a distinguished botanist of New York, has said: "It is one of the best working herbariums I have ever examined." Besides its collection of New England plants, including the grasses, sedges, ferns, etc., —in all about two thousand specimens—it has several groups of ferns from other countries, also pretty full collections of mosses and lichens, named by the highest authorities, and more than a thousand fungi. There are collections of the plants of New Jersey, Tennessee, and Florida, also from several foreign countries, illustrating the identity of many families in Europe and America. There are, also, collections from Greenland, Labrador, and the tropics, and mountain flora from the Rocky Mountains, the White Mountains, and the Alps. There are, also, some fifteen hundred duplicates. All these collections are in cabinets of the most approved construction.

MINERALOGICAL

The cabinet of minerals, shells, and fossils occupies a large room on the second floor of Science Hall. The collection is conveniently arranged and is steadily growing. No attempt is made to secure showy shelf specimens. Educational value is the only thing considered. All the

common minerals, and many of those of rare occurrence, are fully represented by typical specimens. It is intended to make the collection of local minerals as complete as possible. Among the shells and fossils are many choice specimens.

ORNITHOLOGICAL

The ornithological collection contains mounted specimens of nearly all the New England birds, besides many from other parts of the United States and from foreign countries. In all there are about one thousand specimens.

LIBRARIES

The number of volumes in the different libraries is as follows:

College Library (exclusive of pamphlets),	*27,050
Divinity School Library,	5,910
Eurosophian Society Library,	609
Total,	33,569

The college library has been selected with special reference to the needs of the several departments. It is composed mainly of modern publications, and contains many important works of reference.

THE BENJAMIN E. BATES LIBRARY FUND

In addition to a regular appropriation each year for the purchase of books, the College now enjoys the benefit of the Benjamin E. Bates Library Fund of $10,000, the income of which is devoted to the purchase of works upon History, Economics, Sociology and Mathematics. This fund was established in 1906 in memory of Benjamin E.

*This includes about 600 volumes donated by the Polymnian Society.

Bates, 1862–1906, the son of the Benjamin E. Bates whose name the College bears, and himself for twelve years, 1894–1906, a devoted and efficient member of the Board of Fellows of the institution. A scholar of unusual attainments, Mr. Bates had a special interest in the subjects just named. A lawyer of wide reading and of the noblest professional ideals, he was the esteemed counselor of his associates at the Bar upon questions demanding a profound insight into great principles and an eminently judicial mind. A Christian gentleman, he combined with singular modesty and absolute sincerity unhesitating devotion to duty. The library fund bearing his name was created in 1906 by his friend, Mr. Clement S. Houghton of Boston.

UNIVERSITY EXTENSION

Members of the Faculty are prepared to give lectures upon subjects in Science, Literature, Philosophy, History, Economics, Sociology, and Pedagogy. Particulars can be learned by correspondence with the President, or the Secretary of the Faculty.

GYMNASIUM

The gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. This apparatus is new and of the most approved modern pattern. In the basement of the Gymnasium are a pair of excellent bowling alleys; also convenient bathrooms, provided with lockers, hot and cold water, dip baths, shower baths, etc.

The women's dormitory contains a gymnasium sixty by forty feet and twenty feet high. Adjoining the gymnasium are the Director's office and the bath and locker room.

The office is supplied with a set of anthropometric apparatus; the bath and locker room contains four shower baths and one hundred and fifty-six lockers. All the apparatus is new and of the latest pattern, selected and arranged for work that combines the best points of the different systems of physical training. The equipment includes a complete set of Swedish apparatus, developing appliances, foils, marks, jackets for fencing, Indian clubs, dumb-bells, bar-bells. The floor is arranged for indoor gymnastic games, such as indoor baseball and basketball.

Ten fine tennis courts offer abundant opportunity for this healthful game.

ATHLETIC FIELD

The Garcelon Athletic Field, named in honor of the late Hon. Alonzo Garcelon, M.D., of the original governing board of the College, is considered one of the best in New England. It has a tasteful and commodious Grand Stand, sufficient for all present needs. The field, surrounded by a fence, has an area of seven acres. It contains a quarter-mile track, a two hundred and twenty yard straight-away, take-offs for the jumps and pole vault, a football field, and a baseball diamond.

OUTDOOR RUNNING TRACK

A wooden outdoor running track has been completed recently. The Track is rectangular in shape with a straight-away course of 74 yards. The width of the Straight-away is ten feet. The rectangle is five feet in width with a course of twelve laps to the mile. The Track is located near the Gymnasium. It is of modern arrangement, and, undoubtedly, the best in the State of Maine.

RELIGIOUS EXERCISES

At the close of the first morning recitation each day all the students, with the Faculty, assemble in the chapel for prayer, reading of scripture and singing. The Students' Christian Associations—Young Men's and Young Women's —hold a union meeting every Wednesday evening, in the Association room, from 6.30 to 7.15 o'clock. The Y. M. C. A. also holds a meeting Saturday evenings from 6.30 to 7.15 o'clock. Voluntary classes for Bible study are carried on through the year. The prayer-meetings of the Y. W. C. A. are held on Mondays from 6.30 to 7.15 P.M.

The methods employed are successful in making the meetings varied, attractive, earnest, and spiritual. One meeting each month is devoted to some phase of missionary work.

In addition to these, weekly class prayer-meetings are held and are usually well attended.

The last Thursday in January is observed as "The Day of Prayer for Colleges," and is set apart entirely for religious meetings. A sermon, to which the public is invited, is preached in the chapel at 2.30 P.M. It is hoped that Christian friends of the College generally will remember this day.

COLLEGE MAGAZINE

The *Bates Student* is published monthly under the direction of the Editors and Managers selected from the Junior Class. The first number was issued January, 1873.

LITERARY SOCIETIES

The college has no secret societies. It is, doubtless, owing largely to this fact that all the students unite with an earnest and wholesome interest in the support of the three literary societies, the EUROSOPHIAN, POLYMNIAN, and

PIÆRIAN. Much systematic work is devoted to preparation for the weekly meetings, which are held on Friday evening, and are occasions not merely of social pleasure, but of most useful drill.

The programs contain assignments that encourage musical culture, literary criticism, and essay writing.

The meetings afford thorough discipline in debate and in the proper conducting of deliberative assemblies, together with a stimulus to excellence in these attainments that to many is an educating force rarely found in college, and hardly second in utility to any department of the curriculum.

YEARLY EXPENSES

Tuition,	$50.00	$50.00
Suites of rooms for young men, including heat (two in a suite),	22.50 to	37.50
Board (37 weeks, from $2.00 to $3.00 per week),	74.00 to	111.00
Lights, laundry, books, etc.,	20.00 to	30.00
General Expenses,	21.00 to	24.00
Total,	$187.50	$252.50

Students taking Laboratory courses in Chemistry, Physics, and Biology are charged an extra fee of three dollars each term.

The Freshmen pay a fee of one dollar for their medical examination, chart and hand-book.

Board in private families (laundry, fuel, etc., included), $4.00 to $5.00 per week. Rooms in private families, without board, can be obtained at reasonable prices. Arrangements have been made by which healthful and palatable food can be obtained in one of the College buildings at a cost not exceeding two dollars per week to each student.

Students are advised in regard to selecting their rooms and boarding places, and all students rooming in College buildings are held responsible for the rent of the rooms selected unless other satisfactory arrangements are made with the Assistant Treasurer.

College bills for the First Term must be paid by October 15th, and for the Second Term by March 1st. Students unable to pay their bills on or before the above dates are required promptly to present to the Assistant Treasurer in writing their reasons why further time is necessary. Bills for the Third Term must be paid by May 1st. Requests for an extension of time beyond this date must be made in writing to the College Treasurer.

Young men desiring information about rooms in the College dormitories should write to George E. Ramsdell, A.M.

Young women desiring similar information should address Dean Frances C. Norris. Young women desiring admission to Bates in the fall of 1908 should make application to the Registrar, Miss Elizabeth D. Chase, not later than March 1, 1908. Each applicant is required to furnish a certificate of character and scholarship from her principal, a certificate of health equal to the demands of a College course from her physician, and a certificate of character and worth from her pastor. Not more than fifty applicants can be received in any one year. If practicable, the list of successful candidates will be announced about May 1.

EXAMINATIONS

Written examinations are given at the close of each term and at such other times as the instructors may determine.

RANK BILLS

These are sent to the parent or guardian of each student at the close of every term.

DEGREES

The Bachelor's degree is conferred on all students that complete satisfactorily the requisite courses. Each candidate for this degree must submit not later than May 15th of his Senior year a thesis of not less than one thousand words upon some subject representative of his accepted Major. His subject for this thesis must be selected from a list presented by the head of the department in which he has chosen his Major. Candidates are invited to submit subjects for the approval of those in charge of the lists.

It is understood that each list from which choices are to be made will be presented not later than the Friday of the eleventh week of the first term.

The Degree of Master of Arts is conferred on graduates of the College of at least three years' standing who have completed one year's graduate non-professional study or its equivalent. Either two or three subjects may be selected, with the advice and under the direction of the heads of the College departments. Evidence of proficiency is to be given by examination and theses. Theses must be presented and fee paid as early as June 1st, and final examinations must be passed not later than ten days before the annual Commencement. The fee is $10.00. Modifications of the foregoing conditions may be granted resident graduates. Further information on the subject may be obtained by writing to the Secretary.

BUILDINGS

HATHORN HALL

Hathorn Hall, a beautiful and substantial building of three stories, contains the College Chapel, eight lecture rooms, the President's and the Assistant Treasurer's offices, a large study and a cloak room for women students, and the rooms of the Eurosophian and Polymnian societies. Through the generosity of successive classes, nearly all the rooms in this building have been finished and furnished with excellent taste. Hathorn Hall takes its name from Seth and Mary Hathorn, of Woolwich, Me., who in the early history of the institution contributed generously toward its erection.

PARKER HALL

Parker Hall affords lodging for about one hundred young men. It has just been renovated and modernized. The floors throughout are of hard wood. It is heated by steam and lighted by electricity. The rooms are arranged in suites, each consisting of a study and a bedroom. A commodious and tastefully furnished reception room, ample shower baths and other sanitary arrangements, and convenient and tasteful student apartments, render this hall one of the most homelike and satisfactory college dormitories in New England. In this building, also, are the rooms of the Christian Association and of the Piaerian Society. The baseball cage in the basement affords uninterrupted opportunities for practice in the winter and in stormy weather. Parker Hall bears the name of the late Judge Parker of Farmington, one of the chief contributors for this, the second building erected upon the Campus.

HEDGE LABORATORY

The building of the department of Chemistry is called Hedge Laboratory, in honor of the late Isaiah H. Hedge, M.D., of Waukon, Iowa, who furnished the means for its erection. It is a two-story building finely located and of attractive modern style.

SCIENCE HALL

Science Hall is the large three-story brick building formerly occupied by the Latin School. It is used by the departments of Physics and Biology and contains the botanical and mineralogical cabinets. It has met urgent needs during a period of rapid growth and marked progress. But, as soon as circumstances will permit, it should be restored to its former chief use—that of a dormitory for young men—and modern buildings for the departments of Physics and Biology should be erected.

ROGER WILLIAMS HALL

Roger Williams Hall is an attractive and commodious three-story building erected by the late Lewis W. Anthony, Esq., of Providence, R.I., for the use of Cobb Divinity School. College students pursuing the combined course have their room rent free under conditions prescribed by the Faculty of the Divinity School.

CORAM LIBRARY

Coram Library, dedicated in 1902 and named for Mr. Joseph A. Coram of Lowell, Mass., who contributed twenty thousand dollars toward its erection, is one of the most beautiful and best planned buildings of its kind. Its reading, reference, seminar, and stack rooms are models of taste and convenience. The furnishings throughout are of the

most approved designs for modern libraries. One of the largest rooms has been reserved for the reception of statuary, bronzes, pictures, and curios that the friends of the College have been waiting to give when a suitable place should be provided.

Recent valuable gifts include casts of the Apollo Belvedere and the Diana of Versailles—both of heroic size. Under the will of the late George W. Harris of Boston, in commeroration of his intimate friendship with the first Benjamin E. Bates, the College has come into possession of a choice collection of music, including many rare manuscripts. There is, also, now ample space for new books, and it is hoped that long standing needs in various departments will soon be met. Individuals disposing of private libraries could find no better place in which to perpetuate the usefulness of rare and standard works.

GYMNASIUM

The Gymnasium, a two-story wooden building, with basement, is equipped with the usual appliances for physical development. It has been a very useful building; but it should give place as soon as practicable to a more capacious and substantial structure of modern design.

PRESIDENT'S HOUSE

The President's House, a spacious and attractive two-story building originally erected for the President's residence, has since 1895 served as a dormitory for women students.

NEW DORMITORY

The New Dormitory, completed in 1905 for the women of the College, is a beautiful three-story building one hundred and twenty feet in length by forty-three in breadth.

It contains a large well-equipped gymnasium, Fiske reception room for student social gatherings, rooms for the Dean and for the Director of the Women's Gymnasium, and for sixty young women, together with laundries, kitchens, dining-room, and all the appointments of a first-class women's hall. Toward the fifty thousand dollars required for the erection and furnishing of this building some seventeen to eighteen thousand dollars have been contributed by individuals and fifteen thousand dollars by the State. An additional contribution of fifteen to twenty thousand would remove the necessity of withdrawing this amount from invested funds.

MILLIKEN HOUSE AND WHITTIER HOUSE

The Milliken House and the Whittier House, through the generous consideration of Hon. C. A. Milliken, are now the property of the College. They are heated with steam and lighted with electricity and, together with the President's House and the New Dormitory, afford ample and up-to-date accommodations for the young women of the College.

RESOURCES

The last College year has been made memorable by large additions to the resources of the institution. On December 25, 1906, Mr. Andrew Carnegie contribued $50,000 toward the further endowment of the College; on July 31, 1907, the subscription for the same amount by Mr. Bartlett Doe, late of San Francisco, was paid in full by his executors. Some $60,000 in addition have been given since December 16, 1905, by the Alumni and other friends of Bates, thus more than meeting Mr. Carnegie's reqirement that, in addition to the amount conditionally

pledged by himself, the sum of $100,000 should be collected from other sources.

The total invested funds of the College at the present date amount to nearly $600,000. The total resources of the College, including grounds, buildings, library, and apparatus, have a value of fully $1,000,000.

THE MUCH-NEEDED AUDITORIUM ASSURED

The President's report for 1904-5 stated: "Bates alone among the New England Colleges has no secret fraternities. Instead of these she has three of the most flourishing literary societies. The fraternities of other Colleges have their chapter houses. The peculiar and highly successful system of societies at Bates requires for the realization of its ideal a building in which these shall have suitable accommodations—including society rooms proper and the necessary cloak and committee rooms. The two Christian Associations are equally deserving. Such a building would be unique in its character and appointments and would do honor at once to the cause of education and to its donor."

Through the generosity of Hon. Winfield Scott Libbey of Lewiston, this important need will be met by the erection, beginning in the spring of 1908, of an auditorium with rooms for the literary and the religious societies, or of two distinct buildings. The site selected is the College lot on the further side of Mountain Avenue where this thoroughfare and College street form a right angle. Mr. Libbey has long been interested in the work of Bates, and among our graduates are three of his children. He has been particularly impressed with the need of better facilities for our literary and religious organizations, and has been a sympathetic and a generous giver to these and other important interests of our College. The building or

buildings will, it is anticipated, be carried to completion in 1908. The execution of this noble plan will be a welcome recognition of the character and service of the Literary Societies that have differentiated Bates from other New England colleges.

GEORGE COLBY CHASE LECTURE FUND

On Commencement Day, June 28, 1906, one of the Trustees of the College announced the creation of a fund of $5000 by a friend whose name has not been disclosed, for the establishment of the George Colby Chase Lecture Fund for the maintenance of a permanent course of lectures to be known as the George Colby Chase Lecture Course. The purpose of the unknown donor is definitely disclosed in the following citation from a prescribed trust agreement since executed: "Fourth, That the income of said fund shall be used exclusively for the maintenance of Lecture Courses in said College, and that no part of said income shall be used for any other purpose. Fifth, That speakers shall be selected who have done something worthy of special commendation, who have a message and who can deliver it in such a manner as will be helpful to College students."

The far reaching significance and substantial value of this lecture course for Bates students, thus made coeval with the life of the institution, can be better appreciated a century hence than now. This trust faithfully administered will break the isolation too often existing between the college and the world, and assure to every Bates man and Bates woman the quickening influences of great leaders in thought and achievement. The first lecture under the provisions of this fund was given in May, 1907 by Rev. Lyman Abbott, D.D. The speakers for the current college year will soon be annonnced.

THE PUBLIC SERVICE OF BATES

To all who can prize her contributions to the intellectual and moral forces that must save our country Bates can unhesitatingly appeal. The number of her graduates at the present time is 1,288.

Down to 1902, of her 965 graduates, 417 had become teachers—more than 43 per cent—and 122 ministers, the latter being distributed among ten religious denominations. Fifty had filled positions in Universities and Colleges, and more than this number had won distinction as State, City, and District Superintendents and as Principals of important Secondary Schools. In authorship, on the Bench, in Legislature, in Journalism, Law, Medicine, and Engineering, she has had distinguished representatives; while nearly the entire body of her alumni have proved themselves pure, earnest, useful citizens, ready for every good word and work, and making happier and better the communities in which they have lived. The thorough preparation that Bates gives for public speaking is shown by the honors won in the last eleven years in fifteen out of seventeen inter-collegiate debates—nine of these with Universities.

REASONS FOR AIDING BATES

1. To a large number of young men and young women she offers their sole reasonable hope for obtaining a liberal education.

2. She is recruiting the ranks of educators, East, South, and West, with a body of scholars and teachers of signal ability and influence.

3. She has been successful in securing character as well as scholarship.

4. She is unsectarian.

5. Her location is the best possible for her usefulness. She gathers from a constituency widening every year young men and young women of small means but of great promise, some of them traveling hundreds of miles to secure from her the New England culture of heart and mind, that they may use it for the good of our entire country.

6. She took up the cause of higher education for women when it was unpopular.

7. Every dollar given to her work strengthens the forces that are shaping our Christian civilization.

SUMMARY OF NEEDS

1. $500,000 as an immediate addition to the permanent fund, in order to ensure the efficient maintenance of present work, the development of existing departments, the establishment of a chair of Education and a chair of History, and the increase of the salaries of the teachers to a living basis.

2. $100,000 for the erection and equipment of Science Buildings,—$50,000 for a building for the department of Physics, and $40,000 for a building for the department of Natural History and Biology.

3. $20,000 for doubling the capacity of the present Chemical Laboratory.

4. $10,000 for renovating Science Hall, heating it with steam, and thoroughly equipping it as a dormitory. Our dormitory facilities for young men are already used to the utmost limit.

5. $5,000 to pay for the furnishing of Coram Library and to secure additional appliances.

6. $50,000 as a permanent fund for the Library.

7. $150,000 for additional Scholarships for deserving students.

8. 60,000 for the erection of a new Gymnasium for the men students.

9. $100,000 for the erection and maintenance of an Astronomical Observatory and the support of its Director.

10. $50,000 for the erection of a College Chapel.

11. 10,000 for the grading and improvement of the campus.

12. $20,000 to complete the amount required for the erection of the New Dormitory.

The total of the amounts named is more than $1,000,000. We can do a valuable work while waiting for some of these needs to be met; others of them are urgent; all of them are implied in the plan of our institution; and could they be met at once, the result would justify the outlay. The enlargement of the Chemical Laboratory, the erection and equipment of the two Science Buildings above named, and of a Gymnasium for the young men can be delayed only with serious loss to the College.

FORM OF A BEQUEST

"I give and bequeath to the President and Trustees of Bates College, a corporation existing in Lewiston, Maine, the sum of ———— dollars, in trust, the principal of said sum to be safely invested by them, and the income thereof appropriated under their direction for the purpose of the College."

Scholarships

State Scholarships

There are ten State Scholarships (giving tuition to ten students) in the hands of the Governor; and in bestowing them preference is given to the children of those who have borne arms in defense of their country, and always to students who are needy and meritorious.

Each of the following scholarships has been endowed by a donation of one thousand dollars, and gives free tuition to the student elected to hold the scholarship.

Redington Scholarship—For a Lady Student

Endowed by the late Hon. Asa Redington, LL.D., of Lewiston. This is supposed to be the first instance of such an appropriation in any college.

Dudley Scholarship

Endowed by the late Alvin D. Dudley, Esq., of Haverhill, Mass.

Cheney Scholarship—For a Student from New Hampshire

Endowed by the late Hon. Person C. Cheney, A.M., of Manchester, New Hampshire.

Woodman Scholarship

Endowed by the Paige Street Free Baptist Church, Lowell, Mass., in memory of Rev. Jonathan Woodman, late pastor of the chnrch.

Symonds Scholarship

Endowed by the Plymouth Street Free Baptist Church, Portland, in memory of Joseph Symonds, Esq., a deacon of the church.

Clements Scholarship

Endowed by the late Rev. Tisdale D. Clements of Lewiston.

Bridge Scholarship

Endowed by the late Charles Bridge, Esq., of Gardiner.

Lewis Scholarship

Endowed by the late Chace Lewis, Esq., of Providence, Rhode Island.

Class Scholarship

Endowed by the class of 1877.

Bartlett Scholarship

Endowed by the Main Street Free Baptist Church, Lewiston, in memory of Rev. Flavel Bartlett.

Nathaniel Bowen Scholarship

Endowed by the late Mrs. Hannah Bowen of Providence, Rhode Island.

Cobb Scholarship

Endowed by the late Hon. C. C. Cobb of Lewiston, in memory of his son, Rev. Frank Woodbury Cobb, A.M., class of 1873.

Houghton Scholarship

Endowed by the late Rev. Alphonso L. Houghton, A.M., of Lawrence, Mass., class of 1870.

Randall Scholarship

Endowed by Mrs. Abby Randall, in memory of Isaac Randall, Esq., of Johnston, R. I.

Williamson Scholarship

Endowed by Elias W. Williamson, Esq., of Potter's Landing, Md., in memory of his father, Rev. Stephen Williamson, of Stark.

Quinnam Scholarship

Endowed by Mrs. James Hobbs of Chicago, Ill., in memory of her father, Rev. Constant Quinnam.

Eaton Scholarship

Endowed by Mrs. Oliver H. Durrell of Cambridge, Mass., in memory of her father, Rev. Ebenezer G. Eaton of Lewiston.

Baldwin Scholarship

Endowed by the late B. C. Baldwin, Esq., of Lowell, Mass., in memory of his wife.

Bonney Scholarship

Endowed by Mrs. Harriet Cheney Bonney and Sherman G. Bonney, M.D., in memory of Calvin F. Bonney, M.D., of Manchester, N. H.

Frye Scholarship

Endowed by Hon. William P. Frye, LL.D., of Lewiston.

Nutting Scholarship

Endowed by the late Lyman Nutting, Esq., of Lebanon, Pa., in memory of his sister, Mrs. Charlotte Nutting Chadbourne.

Ellis Scholarship

Endowed by the late Miss M. A. Wales of Boston, Mass., in memory of her pastor, Rev. Rufus Ellis, D.D.

Talpey Scholarship

Endowed by the late Hon. Charles W. Talpey of Farmington, N. H.

Thissell Scholarship

Endowed by Mrs. Abby T. Deering of Portland, in memory of Hon. John Thissell of Corinth.

Ward Scholarship

Endowed by Mrs. Mary E. Ward, in memory of her husband, Warren Ward, Esq., of Auburn.

Bean Scholarship

Endowed by Cyrus E. Bean, Esq., of Portland, in memory of his father, Cotton Bean, Esq., of Limerick.

Small Scholarship

Endowed by James T. Small, Esq., of Lewiston, in memory of his son, Everett J. Small, class of 1889.

Dyer Scholarship

Endowed for the benefit of some student preparing for the Christian ministry, by the late Mrs. Irene M. Higgins, in memory of her parents, Mr. and Mrs. Jonah Dyer of Cape Elizabeth.

Page Scholarship

Endowed by Peter Page, Esq., of New York City.

Ramsey Scholarship

Endowed by the late Mrs. V. G. Ramsey of North Berwick, in memory of her husband, Rev. G. P. Ramsey.

Mathews Scholarship

Endowed by the late John M. Mathews, Esq., of Burlington, Vt., in memory of his daughter, Orissa Frances Mathews.

Perkins Scholarship

Endowed by Mrs. Moses W. Shapleigh of Ashland, N.H., in memory of her father, Rev. Thomas Perkins.

Woodbury Scholarship

Endowed by friends of the late Charles Woodbury of Boston, for the benefit of some Methodist student.

Harmon Scholarship

Endowed by the late Ivory W. Harmon of Newton Center, Mass., in memory of his son, Wallace Ivory Harmon.

Mary L. Stone Scholarship

Endowed by the late James S. Stone of Boston, Mass., in memory of his wife.

Jordan Scholarship

Endowed by Merrill Page and Emily Deering Jordan, in honor of Rev. Zachariah and Sabrina Page Jordan.

Clapp Scholarship

Endowed by Lucius Clapp, Esq., of Randolph, Mass.

Weber Scholarships

The trustees, under the will of the late Frederick E. Weber of Boston, Mass., have given five thousand dollars for the maintenance of Weber Scholarships, for the benefit of needy and deserving students at Bates College. It is a condition of the gift that one-half of the income shall be

added to the principal year by year; and that the remaining half only shall be used for the support of said scholarships.

Lovina Haines Haskell Scholarship

Endowed by Edwin B. Haskell of Boston, Mass.

Fiske Scholarship

Endowed by the late Miss Elizabeth S. Fiske of Boston, Mass.

Rowe and Clarry Scholarships

Endowed by a bequest of Mrs. Emily H. C. Rowe, in memory of her daughter, Miss Emma F. Clarry, and affording free tuition to four young women, preference to be given to worthy students from Brooks, Me.

Dexter N. Richards Scholarship

Endowed by Mrs. L. M. Richards of Brookline, Mass., in memory of her husband.

Stetson Scholarship

Endowed by the late Amos W. Stetson of Boston, Mass.

John D. Philbrick Scholarship

Endowed by the late Mrs. John D. Philbrick.

William Wells Cate Scholarship

Endowed by Rev. C. E. Cate, D.D., of Providence, R. I., in memory of his brother.

E. S. Jordan Scholarship

Endowed by the late Mrs. Clara Stanton Jordan, in memory of her husband.

Coe Scholarship

A scholarship of $3,000, endowed by Thomas Upham Coe of Bangor, in memory of his brother, Eben Smith Coe. The income is awarded annually to the man in the Senior Class whose scholarship and conduct, during the previous three years of the course, have been the most meritorious. The award is made at the close of the Junior year.

The Knowlton Scholarships

Hon. Hiram Knowlton of Portland, Maine, has deposited with the Treasurer of the College $3,000, the income of which sum is to be used, when under the stipulated conditions it shall become available, for the maintenance of the following scholarships:

William and Mary Knowlton Scholarship

To perpetuate the names of his parents.

Sabrina Wood Knowlton Scholarship

To perpetuate the name of his wife.

William James Knowlton Scholarship

To perpetuate the name of his son.

Joseph S. Ricker Scholarship Fund

A fund of $10,000 to ensure free tuition to deserving women students—the beneficiaries to be selected, whenever practicable, from different counties in Maine.

Foster Lee Randall Scholarship

Endowed by the late Foster Lee Randall of Lewiston.

Stanley Scholarship

Endowed by Ezra B. Stanley of Manchester, Mass.

David and Thankful Jordan Scholarship

Endowed by their children.

Hopkins Scholarship

Endowed by the late Augustus Hopkins, Esq., of Gardiner, Maine, preference to be given worthy students from Gardiner.

Herrick Scholarship

Endowed by Katherine Gardiner Herrick and H. Adeliza Herrick of Lewiston, in memory of their parents, Samuel and Phebe H. Herrick, late of Northport, Me.

Tarbox Scholarship

Endowed by Oren Cheney Tarbox, M.D., Bates '80, in honor of his parents, Rev. Moses H. and Mrs. Adrianna Weymouth Tarbox. Said scholarship to be applied for the aid of any deserving student, irrespective of age, color, sex or sect, preference being given, however, to a student contemplating the Christian ministry.

Osgood Scholarship

Endowed by Col. Charles H. Osgood of Lewiston, and Amy Elizabeth Hunter of Carbondale, Pa., in honor of their father and mother, Henry A. and Elizabeth H. Osgood, for the benefit of some young man or woman from the State of Maine.

Albina Elizabeth Goodspeed Scholarship

Endowed by Jessie L. Goodspeed, Gertrude C. Goodspeed, and Henry S. Goodspeed of the city of New York,

in memory of their mother,—the preference in awarding the scholarship to be given to a woman student.

Class Scholarship

Endowed by the class of 1887, descendants of members of the class to have the preference when possible, in the benefits from the scholarship.

Arthur Sewall Whitehouse Scholarship

Endowed by the Class of 1875, in memory of their scholarly and beloved classmate, born August 25, 1853, died February 18, 1874.

Charles E. Moody Scholarship

Endowed by his sister, the late Frances S. Moody.

Herbert L. Bradford Scholarship

Endowed by his parents, Roscoe S. and Asenath J. Bradford, in memory of their son, Herbert Loring Bradford, who died in 1883 during the first term of his Freshman year at Bates,—for the benefit of a deserving young man.

Bradstreet Fund

Mr. William W. Bradstreet of Gardiner, Me., has established a Trust Fund of $2,000, the income of which is to be used for the benefit of deserving students, under the direction of the President of the College, and in accordance with certain conditions specified in the trust.

Student Fund

Students contemplating the Christian ministry receive assistance every year of the course.

Prizes

First--For General Scholarship

To the Junior Class—Two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

To the Sophomore Class—Two prizes of EIGHT DOLLARS each, one to a young man and one to a young woman.

To the Freshman Class—Two prizes of SIX DOLLARS each, one to a young man and one to a young woman.

Second—For Excellence in Declamation

In the Second Term—To the Freshman Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the First Term—To the Sophomore Class, two prizes of TEN DOLLARS each, one to a young man and one to a young woman.

In the Third Term—To the Junior Class, a prize of TWENTY DOLLARS, for excellence in original declamation. Also for several years a special prize of SEVENTY-FIVE DOLLARS has been given for original declamation.

Third—For Excellence in English Composition

In the Third Term—To the Sophomore Class, a prize of TEN DOLLARS.

Fourth—For Excellence in Public Debate

Second Term—To each division of the Sophomore Class, a prize of TEN DOLLARS.

Third Term—The Champion Debate—A prize of TWENTY DOLLARS. Eight are chosen from the Sophomore Class to compete for this prize.

Hon. F. M. Drew gives annually two prizes of TWENTY-FIVE DOLLARS each for excellence in team debate.

Through the generosity of Mr. W. H. H. Bryant of Boston, Mass., a prize of fifty dollars will be awarded annually to the member of the Senior Class who shall prepare the best essay upon "Arbitration instead of War."

For the past year the prizes have been awarded as follows:

For General Scholarship—Harold B. Pingree, Maude M. Bradford and Elisabeth W. Anthony, John M. Carroll, Grace E. Holbrook, Charles A. Magoon, Gladys M. Greenleaf.

For Public Declamation, 1906 —John B. Sawyer, Jessie H. Nettleton; 1907—Peter I. Lawton, Eva M. Schermerhorn.

For Original Declamation, 1907—Thomas S. Bridges, Elisabeth W. Anthony.

For Public Debate, 1907—Georgia M. Greenleaf, Fred H. Lancaster, Arthur F. Linscott, Rodney G. Page, Carl R. Purinton, John B. Sawyer, Joseph A. Wiggin.

For Champion Debate, 1907—Rodney G. Page

The Bryant Prize, 1907—Awarded to Anna F. Walsh.

In the Intercollegiate Debate with Clark College, the winning team consisted of Guy V. Aldrich, '07; John S. Pendleton, '07; Harlow M. Davis, '07.

In the Sophomore Debate with University of Maine the winning team was Warren E. Libby, Horace I. Holt, and John M. Carroll.

For special proficiency in the work of any department, a student may receive an honorary appointment as assistant in that work. Such appointments for the present year are as follows: Latin—Norman Frost; English—Mabel L. Schermerhorn, Eleanor P. Sands, Iola A. Walker; Chemistry—Herbert L. Sawyer, James L. Jordan; Elocution—Thomas J. Cate, Ruth A. Sprague.

The Editors of the *Bates Student* for 1907 are John M. Carroll, Rodney G. Page, John B. Sawyer, Grace E. Holbrook, Iola A. Walker, Angie E. Keene.

STUDENTS

Senior Class

NAME	RESIDENCE	ROOM
Annis, Lillian Mae	Somersworth, N. H.	M H
Anthony, Elisabeth Williams	Lewiston 336 College Street	
Bangs, Archie Roy	Sabattus	35 P H
Beals, Estella Maude	Boston, Mass.	7 N D
Blackstone, Ervette Elaine	Perham	22 N D
Blanchard, Elsie	Iowa City, Iowa	24 N D
Bliss, Mary Fannie	Freeport	26 N D
Bonney, Carolyne Emma	Auburn 6 Hampshire Street [Auburn	
Bool, Phebe Rosa	Cambridge, Mass.	M H
Bradbury, Linnie Fabyan	Lewiston 226 College Street	
Bradford, Ethel Ardelia	Auburn 121 High Street [Auburn	
Bradford, Maude Minerva	Livermore Falls 88 Lake Street, Auburn	
Bridges, Thomas Sheridan	Bucksport	12 P H
Brown, Maurice Vivian	Norway	12 P H
Burke, Mary Cecilia	Auburn 16 Newbury Street [Auburn	
Burnell, Floyd Willis	East Hiram	35 P H

Campbell, Percy Cheney	Lawrence, Mass.	10 P H
Carver, John Small	Auburn	183 Sixth Street [Auburn
Cate, Thomas Jefferson	Laconia, N. H.	22 P H
Clifford, Marguerite Abbott	South Paris	27 N D
Clifford, Wallace Alton	South Paris	20 P H
Coombs, Robert Leland	Auburn	310 Turner Street [Auburn
Corson, David Herman	Skowhegan	21 P H
Crawshaw, Annie	Lewiston	51 East Avenue
Cummings, Ruth Joy	Lancaster, N. H.	5 N D
Dexter, Marion Russ	Beverly, Mass.	16 N D
Dinsmore, Alice Jane	Lewiston	Cor. S. Avenue & Pleasant St.
Doe, George Arthur	South Effingham, N. H.	31 S H
Dolloff, Cyrus Wilfred	Gardiner	9 P H
Donovan, Joseph Aloysius	Houlton	29 P H
Ellsworth, Edward William	Northboro, Mass.	42 P H
Faulkner, James Francis	Gardiner	9 P H
Ferguson, Marion Gladys	Somersworth, N. H.	M H
Foster, Mabel Winifred	Cumberland Mills	27 N D
Fraser, Le Roy Boynton	Walpole, Mass.	19 P H
French, George Washington	Kezar Falls	23 P H
Goodwin, Harold Merle	Lincoln	33 P H
Goodwin, Ralph Augustus	Lincoln	33 P H

Grant, Mabel Pearl	Fort Fairfield	26 N D
Grant, Sadie Little	Calais	22 N D
Harkins, John Michael	West Barrington, R.I.	18 P H
Harris, Arthur Louis	Waldoboro	45 P H
Haynes, Guy Coldwell	Parsonsfield	10 P H
Hincks, Sue Lynnette	South Orrington	4 N D
Hull, Ira Butler	Lewiston	96 Nichols Street
Hutchinson, Ethel Louise	Canton	7 N D
Johnson, Elmer Eugene	Machias	47 P H
Jones, Lina Gertrude	Brunswick	3 N D
Jordan, James Leland	Sabattus	Sabattus
Kenney, Charles Edmund	Foxcroft	2 R W H
Knight, Marion Frances	Camden	W H
Knox, Helen Josephine	Manchester, N. H.	3 N D
Larrabee, William Mumford	Keuka Park, N. Y.	87 Wood Street
Lewis, Bertha Erma	Gardiner	7 N D
Libby, Grace Lillian	Lewiston	25 Sabattus Street
Libby, Walter Emery	Lincoln	33 P H
Little, Katherine Gilman	Merrimac, Mass.	M H
Maxwell, Angie Winnefred	Sabattus	
McCool, Herbert Gilmore	Northboro, Mass.	173 Wood Street
McCullough, Joseph Leo	Saugus, Mass.	19 P H
McLain, Frances May	Rockland	24 N D
Melcher, Evelyn Geneva	Rumford Falls	4 N D

Merrill, George Elwin	Anson	29 P H
Merrill, Lena Sarah	Auburn	478 Court Street [Auburn
Murphy, Julia Louise	Auburn	33 Newbury Street [Auburn
Noble, Fred Robert	Lewiston	18 P H
Packard, Ellen Hersey	West Auburn	16 N D
Page, Stella E.	Auburn	27 Laurel Avenue [Auburn
Peasley, Arthur Newell	Lewiston	106 Bartlett Street
Pingree, Harold Bearce	Auburn	11 P H
Pratt, Charles Harvey	Keen's Mills	11 P H
Pushor, Wynona Captola	Pittsfield	M H
Rand, Harriet Clark	Lewiston	28 Frye Street
Sands, Eleanor Pepper	Lewiston	121 Nichols Street
Sawyer, Herbert Leslie	Madison	1 P H
Schermerhorn, Mabel Linda	Kennedy, N. Y.	W H
Schermerhorn, Myrtle Jane	Kennedy, N. Y.	W H
Schumacher, George Wendell	Ansonia, Conn.	23 P H
Shorey, Izora Devereaux	Bridgton	2 N D
Smith, Winslow Garfield	Northfield	10 P H
Sprague, Ruth Ardelle	Acton, Mass.	2 N D
Stevens, Neil Everett	Auburn	22 Lake Street [Auburn
Stevens, Roy Foster	Lisbon	Lisbon
Sweetland, William Virgil	Pittsfield	6 R W H

Thomas, Stella Luetta	Lewiston	137 Nichols Street
Wentworth, Eva Celia	Dover, N. H.	M H
Wheaton, Clarence Lincoln	West St. John, N. B.	2 R W H
Whitman, Burton Herbert	East Auburn	34 P H
Wilder, Ralph Ayling	North Hanover, Mass.	27 P H
Williams, Guy Floyd	North Anson	1 P H
Wood, Herbert Wilbur	Lewiston	163 Pine Street

Junior Class

NAME	RESIDENCE	ROOM
Adams, Helen Wilson	Bowdoinham	C H
Ames, William P.	Grant, Montana	4 R W H
Bartlett, Amy Etta	Auburn	19 Hampshire Street [Auburn
Bolster, George Frederick	Gibson, N. B.	19 R W H
Booker, Percy Hilton Harris	Pittston	30 P H
Boothby, Willard Sands	Lewiston	256 College Street
Brown, Corinne Mildred	Malden, Mass.	13 N D
Brush, Alta Belle	Lewiston	14 Mountain Avenue
Carroll, John Murray	Razorville	199 Oak Street
Chapman, Winnifred Amelia	Lewiston	12 Prescott Street
Clason, Bertha Sarah	Gardiner	23 N D
Cobb, Stephen Aratas, Jr.	Gardiner	24 P H
Cochran, Isaac George	Rochester, N. H.	16 P H
Cook, Solomon Everett	Oxford	39 P H
Coolidge, Dora Gordon	Bristol, N. H.	C H
Crockett, Adelina Estelle	Freeport	N D
Crommett, William Gladstone	Chelsea, Mass.	26 P H
Culhane, Phyllis Caroline	Gorham, N. H.	6 N D
Davis, Edith May	Lewiston	40 Jefferson Street
Doughty, Florence Ada	South Portland	N D

Dunn, Florence Marie	Auburn	C H
Eekhoff, Scott Sidney	Chelsea, Mass.	26 P H
Farrar, Lucy Elizabeth	Lewiston	63 East Avenue
Fogg, Agnes	Gray	C H
Foss, Alice Adams	Rye Centre, N. H.	32 Frye Street
Frost, Norman	Berea, Ky.	40 S H
Gerry, Henry Lester	Lewiston	32 Frye Street.
Grant, Agnes Donald	Vinalhaven	C H
Greenleaf, Georgia Mabel	Auburn	79 High Street [Auburn
Haines, Grace Ethel	South Portland	31 N D
Hale, Herbert Francis	New Sharon	8 P H
Hardie, Mary	Bowdoinham	C H
Harrington, Ephraim Eugene	Chicago, Ill.	45 P H
Harris, Charles Lester	Detroit	39 P H
Hayward, Ralph Simpson	Auburn	24 High Street [Auburn
Holbrook, Grace Everlina	Manchester, N. H.	13 N D
Holman, Wallace Floyd	North Jay	25 P H
Holt, Horace Irving	Lewiston	129½ Wood Street
Howard, Alice Elva	Brockton, Mass.	5 N D
Humiston, Alice Mildred	East Jaffrey, N. H.	C H
Hunt, Florence Mabel	Augusta	21 N D
Irish, Arthur	Turner	34 P H
Jack, George Edwin	Bowdoinham	41 P H

Jewell, John Poland	South Portland	26 P H
Jones, Fred Ruel	Mercer	11 P H
Jordan, Dana Stanford	East Raymond	13 P H
Jordan, Mildred Jasmine	Auburn	209 Cook Street [Auburn
Keene, Angie Estella	Lewiston	Sylvan Avenue
Lancaster, Fred Henry	Pittsfield	32 P H
Lane, Alzie Edrie	Gardiner	21 N D
Larrabee, Ernest Everett	Auburn	R. F. D. 1, Auburn
Lasselle, Olive Mary	Leominster, Mass.	23 N D
Libby, Warren Edgar	Woonsocket, R. I.	44 P H
Linscott, Arthur Fay	Troy	14 P H
Lovejoy, Fred Collins	North Chesterville	145 Nichols Street
Martin, William Harris	North Weare, N. H.	15 P H
Meader, Alethea Caroline	Lewiston	403 Main Street
Merrill, Helen Maybel	Auburn	143 Pleasant Street [Auburn
Merrill, Gardner Fessenden	Sandy Creek	32 P H
Miller, Harry Claire	Winthrop	158 College Street
Morse, Arthur Everett	Chesterville	40 S H
Nelson, Chesley Wilbur	West Southport	74 Nichols Street
Oakes, Raymond Silvester	Auburn	15 P H
Osborne, Walter Scott	Mt. Blue, Mass.	27 P H
Page, Rodney Gerald	Bucksport	30 P H

Park, Clinton DeWitt	Presque Isle	25 P H
Peckham, Frederic Metcalf	Lewiston	14 Pleasant Street
Peterson, Harrison Morton	Columbia Falls	36 P H
Phillips, Nathaniel 2d	Marshfield Hills, Mass.	27 P H
Pomeroy, Carl Thatcher	Lewiston	38 Davis Street
Purinton, Carl Russell	Bath	14 P H
Ranger, Carl Herman	Dryden,	37 P H
Reed, Ralph Gerry	South Bridgton	18 P H
Roseland, Charles Everett	Unity	16 P H
Sawyer, John Bryant	Sprague's Mills	51 P H
Segal, Myer	St. John, N. B. 69 Second Street, Auburn	
Sharp, Clara Agnes	Lewiston	83 Lowell Street
Smith, George Hawthorne	North Berwick	24 P H
Stone, Harold Edgar	Lisbon Falls	P H
Story, Herbert Lewis	Merrimac, Mass, 74 Nichols Street	
Swift, Edith Winnifred	Auburn	77 Spring Street [Auburn
Tuttle, Guy	Bellows Falls, Vt.	23 P H
Wadleigh, Joseph Bertram	South Kingston, N. H.	26 P H
Wadsworth, John Thaddeus	Gardiner	36 P H
Walker, Iola Agnes	Peru,	C H
Waller, Nellie Blanche	Westford, Mass.	C H
Weare, Laura Maude	Auburn	52 Hampshire Street [Auburn
Wiggin, Joseph Alfred	Portsmouth, N. H.	16 P H
Woodward, Louis Burton	Dresden Mills	51 P H

Sophomore Class

NAME	RESIDENCE	ROOM
Andrews, Adelbert Elvin	Jefferson	28 Frye Street
Appleby, Maude Louise	Lisbon Falls	15 N D
Archibald, Grace	Houlton	25 N D
Babbitt, George Hutchinson	Albany, N. Y.	17 P H
Barker, Nellie Annette	Auburn	177 Cook Street [Auburn
Barr, Ralph Raymond	Dover, Del.	47 P H
Bassett, Roscoe Conkling	Alton, N. H.	P H
Bates, Charles Evarts	East Wareham, Mass.	87 Wood Street
Bean, Orel Merton	Pittsfield	133 College Street
Blake, Fred Raymond	Auburn	31 S H
Blossom, Deborah Belle	Turner Center	229 Oak Street
Bolster, Morton Virgin	South Paris	8 P H
Boulia, Agnes Louise	Laconia, N. H.	31 N D
Bowman, Winfred Wolfe	Hatfield, Mass.	P H
Briggs, Damie Jet	Corinna	M H
Brown, Melissa	Richmond	M H
Bryant, Alice Monroe	Auburn	7 Granite Street [Auburn
Buker, William Hall	Monmouth	50 P H

Burnham, Alice Alden	Auburn, R.F.D. 1	
Chapman, Ray Andrews	Milo	40 P H
Cleveland, Alton Hiram	Skowhegan 171 Lisbon Street	
Cole, Roy Emerson	South Paris	20 P H
Comings, Bertha Frances	Derby, Vt.	43 N D
Crockett, Alice Robinson	Freeport 44 Cottage Street	
Crockett, Elsie Beulah	Freeport, 61 Cottage Street	
Crockett, Ethel Catherine	South Paris	46 N D
Cummings, Ralph Burtram	Auburn	29 P H
Curtis, Alice Nina	Bingham 66 Howe Street	
Davis, Hartwell Clarence	Lubec	31 P H
Dick, Anna Augusta	Auburn Cor. Shawmut Street [Auburn	
Dorman, Horatio Nelson	Franklin, N. H.	22 P H
Dunton, Ethel Amanda	Lewiston 148 Webster Street	
Eaton, Mabel	Auburn 22 Drummond Street [Auburn	
Edwards, Jane Curtis	Brunswick 239 College Street	
Edwards, Jennie Hazel	Madison	M H
Elword, Harry Edward	Clinton, Mass.	28 P H
Farnham, Olive Lillian	Cushing	15 N D
Farnsworth, Everett Leslie	South Framingham, Mass.	22 P H
Greenleaf, Gladys Maud	Lisbon Falls	11 N D
Hall, Alice Parsons	Turner Center	15 N D

Hall, Myrta Alice	Lewiston 164 Holland Street	
Hamilton, Georgia Townly	Chebeague Island	46 N D
Hamilton, Marion Lovina	Falmouth	42 N D
Harlow, Grace	Gorham	45 N D
Harmon, Martha Isadore	Lewiston 141 Nichols Street	
Harmon, Reginald Frank	Abbot Village	P H
Harriman, Ray Wilkin	Gardiner	29 P H
Henry, Iva May	Readfield	C H
Hodges, Georgia Etta	Sangerville 44 Cottage Street	
Holman, Carl	Jay 173 Wood Street	
Howard, Stanley Edwin	Springfield, Mass.	H H
Jack, Nellie May Deering	Portland 18 Arch Avenue	
Jackson, Carl Ziegler	Clinton, Mass.	28 P H
Jones, Mildred Iris	Springfield, Mass.	32 N D
Jordan, Everett Linwood	South Portland	17 P H
Kemp, Ida Boynton	Kingston, N. H.	11 N D
Kendrick, Cyrus Maxcy	Litchfield Cor's	50 P H
Kidder, Frances Patten	Richmond	C H
Lawton, Peter Ignatius	Auburn 39 Cook Street [Auburn	
Leland, Christine	Minot	W H
Little, Sarah Eliza	Merrimac, Mass.	M H
Longfellow, Anna Bartlett	Monmouth	34 N D
Lord, Charles Emerson	Lisbon Falls	P H

Loring, Fred Milton	Auburn	253 Turner Street [Auburn
Lovejoy, Maude E.	North Chesterville	44 N D
Lucas, Fay Ellwood	St. Albans	32 P H
Luce, Leon Alex	Dryden	37 P H
Magoon, Charles Alden	St. Albans	10 Frye Street
Martin, Fred Henry	York Village	94 Nichols Street
Mason, May Lander	South Bristol	W H
Merrill, Charles Elmer	South Paris	8 P H
Merrill, Nettie May	Patten	42 N D
Mills, John Lewis	Brunswick, Vt.	P H
Morrill, John Perley	Litchfield Corners	P H
Moulton, John Henry	Limington	37 P H
Nettleton, Jessie Hague	Manchester, N. H.	N D
Niles, Lena Mabel	Dryden	44 N D
Nutting, Nellie Sophronia	Shrewsbury, Mass.	M H
Orr, Lewis Jordan	Portland	193 College Street
Parsons, Katherine May	Lewiston	518 Main Street
Parsons, Ruby Marion	Auburn	495 Court Street [Auburn
Peasley, Charles Harold	Lewiston	106 Bartlett Street
Perry, Florence Helen	Wrentham, Mass.	25 N D
Pert, Minnie Warren	Richmond	C H
Pinkham, Florence Ada	Lewiston	151 Nichols Street
Porter, Amorette	Pittsfield	W H

Porter, Juanita Douglass	Lewiston	484 Main Street
Powers, John Hendrick	Lancaster, N. H.	H H
Quimby, Clarence Paul	North Turner	193 College Street
Quinn, Ellton Leroy	Pittsfield	21 P H
Ramsdell, Guy Harry	West Lubec	31 P H
Roberts, Florence May	Anson	M H
Schermerhorn, Eva Mildred	Kennedy, N. Y.	W H
Small, Louise May	Northwood Narrows, N. H.	M H
Smith, Frank Albert	Gardiner	68 Wood Street
Stevens, Carl Mantle	Auburn	22 Lake Street [Auburn
Tasker, Arthur Henry	Clinton, Mass.	28 P H
Taylor, Alta Carmen	Wells	32 N D
Thurston, Paul Cleveland	Bethel	34 P H
Verrill, Clara Elizabeth	Cumberland Mills	45 N D
Vinal, Mildred Holman	Vinalhaven	33 N D
Vinal, Nelly Parker	Vinalhaven	33 N D
Webb, Fred Lincoln	South Gray	31 P H
Whitehouse, Helen Margaret	Auburn	32 Second Avenue [Auburn
Williams. John Lincoln	Worcester, Mass.	19 P H

Freshman Class

NAME	RESIDENCE	ROOM
Aas, Samuel Anderson	Baltic, S. D.	24 Riverside Street
Abbott, Charles Ham	Presque Isle	17 Frye Street
Andrews, Waldo Vanderbilt	Jefferson	34 S H
Babbitt, John Henry	Albany, N. Y.	17 P H
Barnard, Hazel Belle	Auburn	126 Goff Street [Auburn
Bishop, John Garfield	Houlton	53 P H
Blake, Irving Hill	Augusta	237 Oak Street
Bolster, Ralph Harold	Sprague's Mills	18 P H
Bonney, Clinton Howard	Auburn	35 Josslyn Street [Auburn
Brann, Una Eliza	Kittery	M H
Brown, Clarence Huberto	Island Falls	141 Nichols Street
Brummett, John Leslie	Roxbury, Mass.	7 Curtis Street
Burdick, Roy M.	Dexter	P H
Carroll, James Henry	North Attleboro, Mass.	40 S H
Carville, Alonzo	Minot	P H
Chamberlain, Pauline Burnham	Portland	W H
Chandler, Irene May	Portland	M H

Chandler, Raymond Abbott	Pittsfield	21 P H
Chapman, Ray Andrews	Milo	P H
Chase, Edna Baker	Portland	M H
Cheetham, Charles Lee	Lewiston	88 Webster Street
Clason, Charles Russell	Gardiner	43 P H
Clason, Freeman Pell	Gardiner	9 P H
Clifford, Caroline Mabelle	South Paris	W H
Cole, Arthur Russell Clason	Gardiner	36 S H
Cook, Alice Margaret	Beverly, Mass.	W H
Cowan, Walter Albion	Pittsfield	47 P H
Cox, Gertrude Annie	Poland, N. Y.	24 Frye Street
Cox, Rita May	Lewiston	415 Main Street
Cox, Sidney Hayes	Poland, N. Y.	24 Frye Street
Curtis, Emma Zilpha	Silver's Mills	W H
*Damon, Lawrence Wilson	Marshfield Hills, Mass.	27 P H
Davis, Blynn Edwin	Bridgton	
Davis, Helen Juniata	Auburn	M H
Dingley, Marion Nelson	Auburn	17 Beacon Avenue [Auburn
Doe, Charles Tristram	South Effingham, N. H.	31 S H
Douglas, Chester Augustine	Lisbon	Lisbon
Dow, Ralph Pennell	Gray	6 R W H
Dow, Sarah Helena	Bolton, Mass.	M H
Dunfield, Isaac Burton	Glenvale, N. B.	162 College Street

Dunn, Howard Westmont Jr.	Ellsworth	46 P H
Dwinal, Genevieve Ella	Auburn 20 Highland Avenue [Auburn	
Dwyer, Agnes Cecilia	Stoughton, Mass.	M H
Erskine, Justus Stanley	Lewiston 243 College Street	
Fellows, Leon Wallace	Farmington 122 Oak Street	
Field, Mae Muzzy	South Paris	W H
Fisher, William Livingstone	Manchester, N. H	34 S H
Foster, Benjamin Harrison	Lisbon Falls	P H
*French, Stanley Increase	Corinna 145 Nichols Street	
Gilman, Rollie Hacking	West Stewartston, N. H. 107 Nichols Street	
Gordon, Earle Clifton	Canaan, N. H. 243 College Street	
*Grabert, Roscoe Frederick	Roxbury, Mass. 44 Nichols Street	
Graham, Walter James	Yarmouthville	32 R W H
Green, Everett Welles	Rockland	87 Wood Street
Guptill, Roger Stillman	Berwick	237 Oak Street
Hackett, Beulah Frances	Lewiston	108 Oak Street
Ham, Austin Russell	Lewiston 107 Nichols Street	
Harris, Le Roi	Chelsea, Mass. 16 Frye Street	
Hayes, Susan Elsie	Rochester, N. H.	M H
Hewett, Frances Evelyn	Rockland	M H
Hillman, Frederick Walter	Island Falls 141 Nichols Street	
Hines, Marcella Mildred	Washburn 32 Cottage Street	

Hodgkins, Alton Ross	Damariscotta Mills	46 P H
*Hooper, William Henry	Raymond	
Hosley, Linwood Park	Greene	19 Dexter Avenue [Auburn
Houdlette, Nola	Dresden Mills	M H
Howard, Lewis Warren	Townsend, Mass.	7 Curtis Street
Howard, Lura Maude	Onset, Mass.	M H
Huntington, Ray Merton	Gardiner	7 Curtis Street
Ingersoll, Elisabeth Frances	Auburn	131 Center Street [Auburn
Ingersoll, Frank Ellis	Auburn	182 Turner Street [Auburn
Jenkins, Edna Marguerite	Falmouth, Mass.	41 N D
Jenness, Ellwood Stephen	Dover, N. H.	54 P H
Johnson, Harry Arthur	Minturn	162 College Street
Jose, Lillian Charlotte	Portland	M H
Keaney, Frank William	Cambridge, Mass.	40 S H
Kemp, Marion Tabor	Kingston, N. H.	W H
Kincaid, Isabell Montgomery	Portland	W H
Knowles, Mary Ellen	Lubec	M H
Lane, Walter Eben	Litchfield	49 P H
Leard, Hazel Pearl	Portland	M H
Leavitt, Frank Oliver	Effingham, N. H.	23 P H
Lewis, Grace Marion	Gardiner	M H
Little, Eulela Maud	Gardiner	M H

Lombard, Clarence Willard	South Portland	100 College Street
*Loveland, Francis	New Haven, Conn.	35 P H
Lovely, Eugene Vernon	Gardiner	43 P H
Lowe, Elsie Washburn	East Poland	W H
Macomber, Clarence Alden	Pittsfield	146 Wood Street
Mahoney, Daniel Joseph	Lewiston	132 Oak Street
*Maines, Archie Leo	Oakland	243 College Avenue
Mann, Edna Winifred	Millers Falls, Mass.	37 Cottage Street
Manter, Marion Edna	Whitefield, N. H.	W H
Marr, Alberta Maddocks	Pemaquid Point	35 N D
Marston, Annie Stanton	Center Sandwich, N. H.	36 N D
Mathews, Walter Ellwyn	St. Albans	107 Nichols Street
McCann, Sarah Webster	Mechanic Falls	32 Spring Street
McKee, Charlotte Winifred	Independence, Kan.	41 N D
*McKenney, Fred Clifton	Turner	142 College Street
McKusick, Leon Roy	Guilford	349 College Street
McLean, Mary Emma	Augusta	W H
Merrill, Susie Lena	Limerick	M H
Morrison, William	Lewiston	129 East Avenue
Morse, Alvin Strickland	Kingfield	38 S H
Moulton, Louisa	Center Sandwich, N. H.	M H
Norris, Richard Henry	Litchfield	49 P H

Nichols, Ambrose Jennings	Manchester, N. H.	349 College Street
*Palmer, John William	Richmond	247 College Street
Parsons, Grace Ina	Bangor	M H
Peakes, John Edwin	St.Albans	107 Nichols Street
Pelletier, John Baptiste	Keegan	53 P H
Pemberton, Edith May	Lewiston	85 Pine Street
Phinney, Willard Herbert	Dennysville	42 P H
Pierce, Robert Milton	Boston, Mass.	193 College Street
Pingree, Helen Spofford	Auburn,	28 Elm Street [Auburn
Preston, Wallace Frank	Brockton, Mass.	54 P H
Quimby, Francena	Auburn	122 Seventh Street [Auburn
Quincy, Frank Brick	Masardis	53 P H
Randlett, Lillian Arvilla	Lawrence, Mass.	35 N D
Ray, Carrie Agnes	North Adams, Mass	222 Court Street Auburn
Rhoades, Carl Tracy	Harmony	144 Wood Street
Richards, Helen Varney	Portland	M H
Richardson, Frank Benjamin	Monmouth	173 Pine Street
Robertson, Harold Chester	St. Albans	107 Nichols Street
Robinson, George Henry	Lewiston	126 Russell Street
Salls, Helen Harriet	Auburn	66 Goff Street [Auburn

*Sargent, Walter Hall	Sargentville	133 College Street
Stanhope, Effie Mae	Foxcroft	W H
Stordahl, Bernt O.	Baltic, S. D.	24 Riverside Street
Strout, Roy Merrill	Steep Falls	3 Warren Avenue
Stuart, Fred Roebling	Boothbay	107 Nichols Street
Tasker, Winifred Grace	Dexter	W H
Tebbetts, Arthur	Berwick	237 Oak Strreet
Towle, Ruth Anne	North Danville, N. H.	W H
Townsend, Drusilla Irene	Abbot Village	W H
Thorpe, Willis Elwood	Sabattus	Sabattus
Turner, Clair Elsmere	Harmony	133 College Street
Turner, Horace Franklin	Montowese, Conn	4 R W H
Waldron, Mary Cook	North Vassalboro	M H
Walsh, Walter Harrison	Somersworth, N. H.	[237 Oak Street
Weymouth, Frederick R.	Troy	3 Warren Avenue
Webber, Lenora Goldie	York Village	34 Union [Street Auburn
Whipple, Ralph Clarence	Gonic, N. H.	54 P H
White, Joseph Bernard	Lewiston	13 Jones Court
Wittekind, Arthur	Wakefield, Mass.	19 P H
Wolles, William	Lewiston	112 Horton Street
Wood, Walter Haskell	Adrian, Mich.	163 Pine Street

Woodbury, Eugene Sawyer	Patten	327 Main Street
*Wright, Harry Williams	North Berwick	94 Nichols Street
Wright, Mary Payson	Wiscasset	35 N D
Wyman, Gulie Annette	Manchester, N. H.	36 N D

*Provisional candidates for a degree.

Special Course

Lynch, Joseph Charles	Littleton, N. H.	40 S H
O'Donnell, John Joseph, Jr.	Boston, Mass.	87 Wood [Street

Summary

Senior Class	91
Junior Class	89
Sophomore Class	105
Freshman Class	151
Special Students	2
Total	438

H H	Hathorn Hall	C H	Cheney House
P H	Parker Hall	M H	Milliken House
R W H	Roger Williams Hall		
S H	Science Hall	N D	New Dormitory

Graduates of 1907

Aldrich, Guy Von
Bickford, Maud Barbara
Boak, Edward Kendrick
Bottomley, William Mitchell
Burns, Louise Hawthorne
Caswell, Frank Perley
Chase, Caroline Wood
Churchill, Alice Walker
Clason, Julia Trott
Colson, Ephraim Perry
Corson, Linwood Ernest
Davis, Emily Christina
Davis, Ethel Johnson
Davis, Harlow Morrell
Donnell, Nellie Maude
Farnham, Louis Bending
Files, Marian Edna
Foster, Eugene Stuart
Freese, Earl Percy
French, Maude Belle
Frost, Harold Ionel
Griffin, Bryant Wade
Griffin, Frankie Lawrence
Griffin, Mona Ruth
Heminway, Robert Lynn
Hillman, Sarah Alice
Holmes, Jerome Crane
Hopkins, Ruby Estella
Hoyt, Guy William
Irish, Gertrude Hall
Jackson, Frank Ward
Keist, Mabel Beatrice
Kelley, Fred Grant
Lamb, Florence Edith
Latham, Lillian Lawrence
McIntyre, Joseph Henry
Merrill, Lee Simons
Merrill, Rena Maude
Morrill, True Clifford
Morse, Abbie Luella
Morse, Ernest James
Palmer, George Washington
Parker, Cora Belle
Pattangall, Katherine Jean
Pendleton, John Scott
Porter, Mabel Maud
Prock, Granville Albert
Quinby, Alice Rose

Ramsdell, Sherman Rodman
Rich, Nathan Harold
Ring, Elizabeth Mabelle
Robinson, Frances Estelle
deRochemont, Fannie G.
Rochford, Francis Joseph
Rogers, Frank Leston
Sullivan, Walter Edward
Turner, Charles Oscar
Walsh, Anna Fleming
Ware, Amy Estell
Wells, Charles Albert
White, Dorrance Stinchfield
Whittum, William Henry
Wight, Lawrence Norman
Willard, Emily Rosamond

Faculty of Cobb Divinity School

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